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USAFETAC/DS-80/030

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

SEYMOUR - JOHNSON AFB NC WBAN # 13713
N 35 20 W 077 58 FLD ELEV 109 FT GSB WMO #

PARTS A-F

FOR FROM HOURLY OBS: SEP 67 - DEC 70, JAN 73 - AUG 79

FOR FROM DAILY OBS : SEP 57 - AUG 79

TIME CONVERSION GMT TO LST: -5

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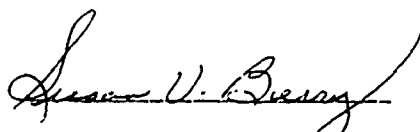
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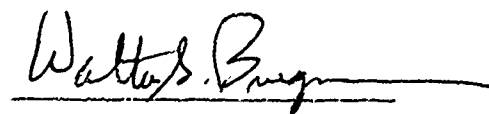
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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER	2 GOVT ACCESSION NO.	3 RECIPIENT'S CATALOG NUMBER
USAFETAC/DS-80/030		
4 TITLE (and Subtitle)		5 TYPE OF REPORT & PERIOD COVERED
Revised Uniform Summary of Surface Weather Observations (RUSSWO)-Seymour-Johnson AFB, GOLDSBORO, NORTH CAROLINA		Final rept.
7 AUTHOR(s)		6 PERFORMING ORG. REPORT NUMBER
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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18 SUPPLEMENTARY NOTES		
This supercedes AD-A074 670		
19 KEY WORDS (Continue on reverse side if necessary and identify by block number)		
*RUSSWO	Daily temperature	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative humidity	*Climatological data	(over)
20 ABSTRACT (Continue on reverse side if necessary and identify by block number)		
This report is a six-part statistical summary of surface weather observations for Seymour-Johnson AFB, Goldsboro, North Carolina		
It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM 1 JAN 73 1473

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* North Carolina

* Seymour-Johnson AFB, NC

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.

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U. S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATION CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and compiled into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Hereafter each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations:
1400-1500, 0100-0200, 0400-0500, 0700-0800, 1000-1100, 1300-1400, 1600-1700, 1900-2000 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

AND _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Mar 65	1. Located at end of runway 08. 2. Located at end of runway 26.	Same Same	Same	13 ft Same	
8	Mar 70	1. Same 2. Same	Same Same	Same	Same Same	
9	Apr 70	1. Same 2. Same	Same Same	RO-362	Same Same	
10	Mar 71	1. Same 2. Same	GMO-20 Same	Same	Same Same	
11	Sep 79	1. Same 2. Same	Same Same	Same	Same Same	

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PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

2 DATA PROCESSING BRANCH
USAF FTAC
ATC WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
(FROM DAILY OBSERVATIONS)

1973 SEYMOUR-JOHNSON AFB NC 57-70

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-24	05-18	18-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	1.3	5.5	.6	.4	.7	.6	.1	.3						2.5	60	1.7	17.1	.7
FEB	1.9	5.8	1.1	.3	.2			.5		.				2.3	60	1.7	13.	.7
MAR	5.7	2.5	.3	.7		.7		.1						1.4	662	.2	9.4	.7
APR	10.0														650	.7	.	.
MAY	10.0														677	.	.5	.7
JUN	10.0														656	.	.	.7
JUL	10.0														679	.7	.5	.7
AUG	10.0														682	.7	.5	.7
SEP	10.0														683	.7	.5	.7
OCT	10.0														682	.7	.5	.7
NOV	10.1	.8	.2											.2	660	TRACE	.3	.7
DEC	96.2	2.6	.4	.1	.3				.1					1.0	682	.9	14.9	.7
ANNUAL	97.9	1.5	.2	.1	.1	.1	.2	.1		.3				.5	8023	5.2		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1973 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02	.2	9.2	1.9	1.4		11.9	17.1	3.9			2.06	930
	03-05	.1	10.3	1.3	1.4		12.7	20.2	3.0	.1		23.0	930
	06-08	.2	10.6	.9	.9		12.3	24.2	6.7			27.5	930
	09-11		9.7	.6	1.6	.1	11.6	17.3	8.2			22.8	930
	12-14	.1	10.4	.6	2.4		13.2	12.7	6.5			17.4	930
	15-17	.2	10.9	.2	1.6		12.3	10.1	5.6			14.8	930
	18-20		11.2	1.2	.6		12.8	14.0	4.9			17.0	930
	21-23		11.7	1.9	1.2		14.2	14.7	4.9			16.7	930
TOTALS		.1	10.5	1.1	1.4	.0	12.6	16.2	5.5	.0		20.3	7440

2

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-77, 73-79
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02		5.9	.6	1.8		8.0	11.0	4.0	.2	.6	15.5	846
	03-05		6.9	.9	2.4		9.6	14.8	4.4	.4	.7	18.6	846
	06-08	.1	6.7	.8	2.1		9.0	20.0	7.7	.4	.7	25.2	846
	09-11	.1	7.4	.5	1.8		9.5	12.9	9.3	.4	.5	22.0	846
	12-14	.4	8.9	.4	2.2	.1	11.1	9.2	4.8	.8	.4	14.2	846
	15-17	.1	7.4	.2	2.2	.1	9.5	8.4	4.3	.7	.4	12.9	846
	18-20	.5	7.7	.1	1.5		8.7	9.8	3.1	.5	.6	13.6	846
	21-23	.4	8.2	.4	.9		9.5	9.9	3.4	.1	.7	13.9	846
TOTALS		.2	7.4	.3	1.9	.0	9.4	12.0	5.1	.4	.6	17.0	6768

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713
STATIONSEYMOUR-JOHNSON AFB NC
STATION NAME68-70, 73-79
YEARSMAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02	.8	10.1	.3	.3		10.4	15.9	4.6			19.3	930
	03-05	.4	11.7	.3	.4		12.3	22.0	5.8			25.6	930
	06-08	.2	11.1	.2	.8		11.8	29.0	6.9			32.3	930
	09-11	.3	12.4		.2		12.5	15.4	3.9			19.1	930
	12-14	.4	10.2				10.2	9.4	2.6		.5	12.3	930
	15-17	.5	9.7				9.7	7.1	2.9		1.0	10.6	930
	18-20	.9	10.8		.1		10.9	9.5	3.3		.5	13.1	930
	21-23	.5	9.5		.8		9.8	12.6	3.3		.1	15.6	930
TOTALS		.5	10.7	.1	.3		11.0	15.1	4.2		.3	18.6	7440

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17713
STATIONSEYMOUR-JOHNSON AFB NC
STATION NAME68-70, 73-79
YEARSAPR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02	1.3	8.6				8.6	10.7	5.7		.1	14.3	900
	03-05	.6	8.7				8.7	18.3	6.2			22.3	900
	06-08		7.7				7.7	21.9	10.6			26.9	900
	09-11	.1	6.3				6.3	6.2	4.9		.2	10.8	900
	12-14		4.8				4.8	3.3	3.8		1.2	6.9	900
	15-17	1.0	4.8				4.8	2.6	4.3		2.2	7.6	900
	18-20	1.6	5.2				5.2	3.8	4.0		.6	7.7	900
	21-23	1.0	6.9				6.9	5.9	4.4		.1	9.7	900
TOTALS		.7	6.6				6.6	9.1	5.7		.6	13.2	7200

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713
STATIONSEYMOUR-JOHNSON AFB NC
STATION NAME68-70, 73-79
YEARSMAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	.9	7.3				7.3	17.7	15.5			31.2	730
	03-05	.8	6.5				6.5	35.1	19.5			46.1	929
	06-08	.3	5.6				5.6	39.7	21.9			49.0	930
	09-11	.1	6.8				6.8	8.7	13.4			20.5	930
	12-14	.8	6.6				6.6	3.3	9.7		.1	13.1	930
	15-17	2.6	7.1				7.1	2.4	9.0		.3	11.7	930
	18-20	3.2	7.3				7.3	3.6	10.5		.2	14.0	929
	21-23	1.9	6.5				6.5	7.3	13.8			19.3	929
TOTALS		1.3	6.7				6.7	14.2	14.2		.1	25.8	7437

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713
STATIONSEYMOUR-JOHNSON AFB NC
STATION NAME68-70, 73-79
YEARSJUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	1.9	4.8				4.8	25.8	32.4			46.0	900
	03-05	.4	3.4				3.4	50.3	36.4			62.8	900
	06-08	.3	3.6				3.6	40.4	33.9			56.7	900
	09-11	.7	3.7				3.7	5.7	20.7			24.0	900
	12-14	2.6	4.1				4.1	2.1	15.2			16.0	900
	15-17	5.4	6.9				6.9	1.9	14.7			15.3	900
	18-20	5.9	7.2				7.2	4.2	18.1			20.0	900
	21-23	3.1	5.9				5.9	9.8	25.4			29.3	900
TOTALS		2.5	5.0				5.0	17.5	24.6			33.8	7200

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713
STATIONSEYMOUR-JOHNSON AFB NC
STATION NAME68-70, 73-79
YEARSJUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	1.9	3.7				3.7	29.6	44.5			55.8	930
	03-05	1.6	3.5				3.5	48.0	46.2			68.3	930
	06-08	1.1	5.9				5.9	48.3	44.1		.1	67.3	930
	09-11	.6	3.8				3.8	7.8	34.2			38.9	930
	12-14	3.1	5.3				5.3	2.0	30.0			31.3	930
	15-17	7.4	9.4				9.4	1.4	28.8			30.0	929
	18-20	8.8	11.2				11.2	5.3	32.2			34.9	930
	21-23	3.9	8.2				8.2	13.9	40.4			45.7	930
TOTALS		3.6	6.4				6.4	19.5	37.6		.0	46.5	7439

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713
STATIONSEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79

YEARS

AUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02	.8	2.7				2.7	31.1	44.7			56.9	930
	03-05	.4	2.6				2.6	51.5	42.7			69.3	930
	06-08	.5	3.1				3.1	59.0	41.8			73.3	930
	09-11	.1	3.9				3.9	8.1	34.7			38.6	930
	12-14	2.9	6.8				6.8	1.2	26.6			27.5	930
	15-17	6.6	10.3				10.3	1.5	26.6			27.8	930
	18-20	6.4	7.3				7.3	4.6	30.0			33.4	928
	21-23	2.6	5.8				5.8	12.8	35.9			42.1	927
TOTALS		2.5	5.3				5.3	21.2	35.4			46.1	7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713 SEYMOUR-JOHNSON AFB NC
STATION

67-70, 73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02	.9	4.6				4.6	31.9	32.0			48.8	900
	03-05	.6	4.9				4.9	53.4	33.0			66.7	900
	06-08	.4	5.4				5.4	57.0	34.4			69.2	900
	09-11	.3	4.9				4.9	10.4	24.8			31.3	900
	12-14	.9	4.9				4.9	1.9	15.0			16.0	900
	15-17	2.0	4.9				4.9	.8	14.3		.1	15.1	900
	18-20	1.8	6.3				6.3	4.6	21.4			24.6	900
	21-23	.4	4.4				4.4	13.7	27.1			34.0	900
TOTALS		.9	5.0				5.0	21.7	25.3		.0	38.2	7200

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713 SEYMOUR-JOHNSON AFB NC 67-70,73-78 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02	.1	6.5				6.5	24.1	26.2			39.9	930
	03-05	.5	5.3				5.3	40.2	28.1			54.0	930
	06-08	.1	6.3				6.3	48.1	26.3			57.4	930
	09-11		4.8				4.8	12.4	18.8			27.3	930
	12-14	.1	4.0				4.0	3.0	8.9			11.5	930
	15-17		5.7				5.7	2.0	8.8			10.9	930
	18-20	.9	5.7				5.7	5.5	12.8			16.9	930
	21-23	.2	5.5				5.5	11.3	18.8			25.4	930
TOTALS		.2	5.5				5.5	18.3	18.6			30.4	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713 SEYMOUR-JOHNSON AFB NC 67-72, 73-75 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02	.1	7.3				7.3	19.2	12.9			27.8	900
	03-05	.4	7.7				7.7	29.3	16.2			39.0	900
	06-08	.1	6.1		.1		6.1	37.7	18.3			45.4	900
	09-11	.3	6.4		.1		6.6	16.0	17.1			28.9	900
	12-14	.1	7.2				7.2	5.6	8.3			12.9	900
	15-17	.1	7.0			.1	7.1	5.3	6.1			11.0	900
	18-20	.2	8.0				8.0	6.9	6.6			13.2	900
	21-23	.2	7.6				7.6	11.7	9.0			18.6	900
TOTALS		.2	7.2		.0	.0	7.2	16.5	11.6			24.6	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713 SEYMOUR-JOHNSON AFB NC

67-70, 73-78

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST. TO VISION	TOTAL NO. OF OBS
DEC	00-02	.1	9.4		.3		9.6	16.9	7.4			22.0	930
	03-05		11.6		.9		12.2	20.0	8.3			24.8	930
	06-08	.2	12.2		.9		13.0	24.9	10.8			30.2	930
	09-11		11.3		.3		11.6	16.1	11.7			23.9	930
	12-14		9.6		.3		9.9	10.2	6.3			15.4	930
	15-17		9.9		.5		10.4	9.4	5.3			14.6	930
	18-20	.3	9.9		.5		10.3	11.9	4.8			16.4	928
	21-23	.2	9.0		.2		9.2	14.3	6.5			19.2	927
TOTALS		.1	10.4		.5		10.8	15.5	7.6			20.9	7435

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713 SEYMOUR-JOHNSON AFB NC 67-71, 73-79 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.1	10.5	1.1	1.4	.0	12.6	16.2	5.6	.0		27.3	7447
FEB		.2	7.4	.5	1.9	.0	9.4	12.0	5.1	.4	.6	17.0	6768
MAR		.5	13.7	.1	.3		11.0	15.1	4.2		.3	18.6	7447
APR		.7	6.6				6.6	9.1	5.7		.6	13.2	7207
MAY		1.3	6.7				6.7	14.2	14.2		.1	25.9	7437
JUN		2.5	5.0				5.0	17.5	24.6			33.8	7200
JUL		3.6	6.4				6.4	19.5	37.6		.0	46.5	7437
AUG		2.5	5.3				5.3	21.2	35.4			46.1	7435
SEP		.9	5.0				5.0	21.7	25.3		.0	38.2	7200
OCT		.2	5.5				5.5	18.3	18.6			30.4	7440
NOV		.2	7.2		.0	.0	7.2	16.5	11.8			24.6	7200
DEC		.1	10.4		.5		10.8	15.5	7.6			20.9	7435
TOTALS		1.1	7.2	.1	.3	.0	7.6	16.4	16.3	.0	.1	28.0	87634

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBSC TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WMAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 3/4 mile.

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

XX WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

57-79
YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIR	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	2.9	40.5	4.1	9.1	.3	42.4	43.3	35.6	.3		54.5	682
FEB		3.7	39.5	1.9	8.5		42.5	42.4	31.4	.5		50.9	621
MAR		6.5	42.8	.7	4.0	.3	43.7	42.8	31.5	.3		51.3	622
APR		11.5	40.7			.6	40.7	40.1	29.4			47.6	659
MAY		20.0	44.9			.1	44.9	56.5	46.6			67.4	680
JUN		26.2	45.1			.3	45.1	64.4	60.7		.5	75.2	657
JUL		36.2	52.1			.3	52.1	69.4	71.0			80.9	679
AUG		28.6	46.6			.3	46.6	74.5	72.4			85.8	682
SEP		12.9	36.1				36.1	72.1	67.3			81.7	660
OCT		4.4	33.1				33.1	62.6	55.4			69.9	682
NOV		3.0	34.8		1.1		35.3	54.1	42.3			60.9	660
DEC		1.8	37.4	.9	3.5	.3	38.7	43.5	36.4			55.9	682
TOTALS		13.1	41.1	.6	2.2	.2	41.8	55.5	48.3	.1	.0	65.2	8026

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PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- *1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- *2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:
- | | | |
|-----------------------------|-------|--|
| EXTREME DAILY PRECIPITATION | ".00" | equals none for the month (hundredths) |
| EXTREME DAILY SNOWFALL | ".0" | equals none for the month (tenths) |
| EXTREME DAILY SNOW DEPTH | "0" | equals none for the month (whole inches) |
3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (UFWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

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DATA PROCESSING BRANCH
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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

13713

LEYMOUR-JOHNSON AFB NC

57-79

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	56.9	9.8	2.1	4.6	5.7	6.1	5.3	10.7	3.4	.4				73.3	581	4.79	7.19	1.47
FEB	56.7	11.4	2.4	3.5	2.6	6.1	6.6	5.9	3.7					31.9	571	3.79	6.44	1.10
MAR	55.4	12.2	1.6	5.6	3.5	6.2	6.0	4.8	2.4	.3				52.4	672	4.14	8.76	.63
APR	57.7	13.0	2.0	4.9	2.6	7.0	5.6	4.2	2.3					23.5	659	5.95	6.35	.27
MAY	54.7	15.1	1.8	4.9	4.0	5.7	7.5	4.6	2.2	.4				31.7	685	2.87	6.74	.97
JUN	54.7	13.3	2.6	2.4	3.4	7.9	5.5	5.8	4.0	.5				30.0	656	4.71	9.24	1.82
JUL	40.7	12.4	2.4	5.0	4.0	8.4	7.8	6.3	5.4	1.0				40.9	679	7.37	7.47	1.56
AUG	52.0	13.1	1.6	5.7	3.8	6.5	6.2	5.7	4.8	.4	.1			34.7	681	5.44	1.31	2.68
SEP	61.5	13.8	1.4	3.8	1.8	5.2	4.8	3.5	2.7	1.5				24.7	667	4.35	9.69	.67
OCT	66.4	10.4	1.3	4.5	2.3	4.4	4.8	3.8	1.8		.1			23.2	682	2.92	9.96	.47
NOV	63.6	12.4	1.5	3.8	2.7	4.1	5.6	3.3	2.3	.5	.2			23.9	660	3.30	6.89	.51
DEC	60.1	10.7	1.9	5.9	3.5	6.3	3.7	5.3	2.3	.3				29.2	682	3.41	7.79	.64
ANNUAL	57.1	12.4	1.9	4.5	3.3	6.1	5.9	5.0	3.2	.5	.0			37.5	80235	5.37		

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PRECIPITATION

FROM DAILY OBSERVATIONS

57-79

YEARS

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USAF ETAC FORM 0-88-5 (OLA)

 MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

57-79

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES SNOWFALL

FROM DAILY OBSERVATIONS

13713 SEYMOUR-JOHNSON AFB NC
STATION STATION NAME

57-79

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57									.0	.0	.0	1.2	
58	TRACE	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.2	13.2
59	.4	TRACE	.6	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.6
60	.0	TRACE	6.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0
61	1.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5
62	3.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.2
63	TRACE	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0
64	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3
65	3.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3
66	4.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.5
67	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.3
68	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.2	.2
69	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	1.0	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0
71	TRACE	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.8
72	.0	TRACE	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
73	5.4	12.0	TRACE*	.0*	.0*	.0*	.0	.0	.0	.0	.0	2.0	12.0
74	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
76	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
77	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
78	TRACE	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
79	.1	5.7	.0	.0	.0	.0	.0	.0					
MEAN	.93	1.28	.51	.00	.00	.00	.00	.00	.00	.00	.01	.85	2.38
S.D.	1.634	3.083	1.356	.000	.000	.000	.000	.000	.000	.000	.063	2.828	3.345
TOTAL OBS	682	619	682	659	680	656	679	682	660	682	660	682	8023

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

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FROM DAILY OBSERVATIONS

57-79

YEARS

1 4

USAF ETAC FORM 0-86-3 (OLA)

DATA PROCESSING BRANCH
USAF STAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
(FROM DAILY CORRELATIONS)

13/13 SEYMOUR-JOHNSON AFB MO

57-79

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000		MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504				
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120				
JAN	94.9	1.5	.4	1.3	.9	.9	.1							5.7	6.2		
FEB	95.5	1.9	.6	1.0	.2	.6	.2							6.0	6.1		
MAR	99.3	.3	.6			.1								6.7	6.0		
APR	0.0													6.4			
MAY	0.0													6.5			
JUN	00.0													6.56			
JUL	00.0													6.79			
AUG	00.0													6.92			
SEP	00.0													6.60			
OCT	00.0													6.72			
NOV	00.0													6.57			
DEC	97.5	1.2	.4	.3		.3	.3							1.3	6.82		
ANNUAL	98.9	.4	.2	.2	.1	.2	.0							.7	9625		

2

SNOW DEPTH

FROM DAILY OBSERVATIONS

51-79

YEARS

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The diagrams show a cell with a single nucleus, followed by the nucleus dividing into two, then the two nuclei dividing into four, and finally four separate daughter cells.

USAF ETAC FORM 0-88-5 (OLA)

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PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARIABLE.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

57-79

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH- YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57													
58													
59					S	*20SW	28E	40N	*38E	*26S	26W	30WSW	28
60	SW	33WSW	45NW	38NW	34NNE*21NNE	34W	26WSW	13ENE*11WNW	34NNE*25WNW*30				WSW 45
61	NW	36WSW	49SSW	32SE	45SW	35W	40WSW	30WSW	36NNE	28NNW	32SSW	27SW	27 WSW 49
62	W	35WSW	31W	34S	56N	35NNW	29N	42E	33NNE	28WSW	28NNW	33SW	33 S 56
63	WNW	36WSW*35WSW	41WNW	34W	39WSW	26NE	44W	*28ENE*28NNE*33WSW	46NNW	38			WSW 46
64	W	47WSW	40WSW	50SSW	40S	42SSE	32S	32N	30NNE	37NNE	27SW	31SW	41 WSW 50
65	W	32WSW	51N	31W	35WSW	40W	27ENE	43NNW	50SSW	24WNW	40NNW	39WNW	38 WSW 51
66	NNW	39SSW	65SW	37W	46NNE	36NNE	38NE	28SW	*23E	20SSW	57SSW	34W	34 SSW 65
67	SW	42NNW	36WSW	40NW	28NW	35E	26NNW	43NW	34NNE*24W	*30WNW	23NW	29	NNW 43
68	NNW	26W	28SSW	27NNW	24WNW	38SW	3334*	3829*	5129/	2736/	24 7/	4727/	45 29* 51
69	27/	3432/	3332/	3327/	3625/	3423/	3422/	3223/	2415/	2526/	23 6/	3426/	36 27/ 36
70	29/	3535/	3328/	3023*	4034*	2427/	3330/	3126/	3436/	25 1/	2825/	3427/	34 23* 40
71	27/	4425/	3625/	3830/	2921/	4034/	2125/	33 1/	2636/	40 1/	2731/	3033/	36 27/ 44
72	22/	2624/	3232/	3534/	29 3/	3034/	3624/	3230/	3425/	2336/	2823/	2931/	39 31/ 39
73	16/	32 3/	3326/	4826/	3828/	4417*	2026*	3231/	3233/	3423/	2722/	3715/	31 26/ 48
74	25/	3221/	4228*	3933/	3320/	4527/	2827/	28 7/	3424/	2528/	2530/	3434/	33 20/ 45
75	27/	4224/	4328/	5625/	42 4/	3229/	2714/	2912/	3021/	3621/	2821/	3427/	60 27/ 60
76	28/	3130/	4224/	4227/	4931/	3621/	34 3/	52 5/	2229/	3023/	4235/	3129/	33 3/ 52
77	34/	4225/	4030/	3927/	4533/	3434/	4233/	3432/	3531/	2730/	31 6/	2930/	28 27/ 45
78	26/	6336/	3619/	4123/	3320/	26 9/	4535/	28 7/	4210/	19 5/	2335/	2323/	41 26/ 63
79	24/	3924/	4330/	3827/	3923/	4424/	2329/	2833/	41				
MEAN	37.3	39.9	38.4	37.6	36.9	31.8	34.5	32.4	28.3	30.6	32.9	36.0	49.5
S.D.	8.253	8.698	7.167	8.091	5.070	6.338	7.275	8.344	5.972	8.424	6.306	7.608	8.287
TOTAL OBS	615	556	615	592	604	626	640	618	584	602	589	606	7247

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-885 (OIA)

8 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

66-73, 73-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1990-0200
MOVES (L B T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.4	2.3	.6								3.4	5.7
NNE	.5	1.8	.6	.1	.1							3.2	6.1
NE	.6	.8	1.7	.2								2.6	6.2
ENE	.3	1.4	.9	.1								2.7	5.8
E	1.1	1.0	1.0									3.3	4.9
ESE	1.2	.9	.2									2.3	3.9
SE	.6	.3	.1									1.1	3.2
SSE	.8	.4	.3									1.5	4.4
S	.9	.4	.6	.4	.1							2.5	7.5
SSW	1.5	1.6	1.2	.9	.1		.1					5.4	6.7
SW	1.0	.6	1.7	.9								4.2	7.3
WSW	1.6	1.8	1.2	1.2		.1						5.9	6.9
W	1.2	2.8	2.6	1.2	.1							7.6	7.2
WNW	.9	1.6	1.3	.8								4.5	6.6
NW	1.5	2.0	2.2	.9								6.6	6.6
NNW	1.6	2.5	3.2	.9	.1							6.3	6.7
VARBL													
CALM												30.1	
	17.3	23.4	20.3	8.1	.5	.1	.1					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 STATION SEYMOUR-JOHNSON AFB NC 68-73-79 YEARS JAN NORTH
ALL WEATHER
CLAS
CONDITION
303-0500
MOVED (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.0	2.2	.4								4.4	5.1
NNE	.6	1.4	1.1	.5								3.7	5.5
NE	.1	1.0	1.6	.1								2.8	7.2
ENE	.9	1.1	1.1	.3								3.3	6.0
E	1.5	.8	.4									2.7	3.6
ESE	1.2	.9	.4	.1								2.6	4.5
SE	.6	.3										1.0	2.7
SSE	.3	.3	.4									1.1	5.7
S	.4	.5	1.0	.1								2.0	6.5
SSW	1.1	1.1	1.3	.5								4.0	6.4
SW	1.4	1.1	1.2	.3	.2	.2						4.4	7.0
WSW	1.5	1.4	.8	1.5	.2	.1	.2					5.7	8.9
W	1.5	2.9	2.0	1.2								7.6	6.4
WNW	1.2	1.0	2.2	.5								4.8	6.4
NW	1.6	1.6	2.2	.3								5.7	5.8
NNW	1.8	3.3	2.8	.6	.1							8.7	6.4
VARBL													
CALM												30.5	
	18.6	22.6	20.5	6.7	.5	.3	.2					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713
STATION

SEYMCUR-JOHNSON AFB MC
STATION NAME

66-73-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0670-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	4.5	2.3	.9								11.0	5.5
NNE	.6	2.6	1.1	.9								5.2	6.5
NE	1.0	.8	1.1	.1								2.9	5.7
ENE	.6	1.4	1.6	.1								3.1	5.8
E	1.6	.6	.4									2.7	3.5
ESE	.6	.4	.1									1.2	4.2
SE	.1	.4	.2									.8	5.4
SSE	.5	.8	.3									1.6	4.5
S	1.2	1.4	1.0	.2								3.8	5.6
SSW	1.2	1.2	1.0	.3								3.7	5.6
SW	.6	1.6	1.0	1.0								4.2	7.0
WSW	.9	1.5	1.0	.8	.3		.1					4.5	8.2
W	2.0	3.1	1.2	1.4		.1		.1				8.0	6.7
WNW	1.5	2.5	1.4	.3								5.7	5.5
NW	.9	1.6	1.8	.8								5.1	6.9
NNW	1.5	2.9	2.2	1.0								7.5	6.6
VARBL													
CALM												29.2	
	18.3	27.3	16.9	7.6	.3	.1	.1	.1				100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13713 STATION SEYMOUR-JOHNSON AFB NC 62-73, 73-74 YEARS JAN MONTH 9 7-1300 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	4.4	5.4	1.2	.1							6.7	7.1
NNE	1.1	2.2	3.1	1.5								7.8	7.5
NE	.5	1.2	1.7	.1								4.3	6.2
ENE	1.6	1.4	1.7	.2								.1	5.5
E	1.6	.7	.4									3.6	4.7
ESE	.8	.9	.6									2.2	2.7
SE	1.1	.3	.6									1.9	4.4
SSE	.4	.4	.1									1.7	5.5
S	1.6	1.4	1.2	.2								4.4	5.1
SSW	1.2	1.1	1.8	.8	.1							4.9	7.7
SW	.8	1.0	2.2	1.4	.1							5.4	8.6
WSW	1.0	1.3	2.3	1.5	.1	.1	.1					6.8	7.4
W	1.4	1.5	2.3	1.5	.3							7.2	9.6
WNW	.5	1.4	2.3	1.2	.4	.3						6.1	9.6
NW	.6	1.5	2.2	1.6	.1							5.1	5.5
NNW	1.4	1.9	3.2	1.4	.3							8.2	7.8
VARBL													
CALM												11.2	
	17.2	24.3	31.9	1.5	2.7	.4	.3					130.2	6.5

TOTAL NUMBER OF OBSERVATIONS 930

5366

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1713 SEYMOUR-JOHNSON AFB NC 68-75.73-79 JAN
STATION NAME YEARS MONTH
ALL WEATHER 12-C-1400
CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	1.7	3.2	4.7	1.0								10.4	6.9
NNE	1.3	2.5	3.8	1.1								9.1	6.8
NE	1.1	2.0	1.5	.1								4.7	5.4
ENE	.5	1.7	1.1	.1								3.4	5.9
E	1.5	1.4	.6									3.5	4.3
ESE	1.1	1.3	.2									2.6	4.0
SE	.6	.4	.2	.1								1.4	4.5
SSE	.5	.1	.4	.3								1.4	6.8
S	.3	.8	1.1	.5	.1							2.9	8.5
SSW	.6	2.2	2.7	1.4	.1							5.3	6.1
SW	.5	1.4	2.3	1.9	.5							7.2	9.5
WSW	1.0	1.5	2.8	2.6	.9	.4	.2					14.4	10.7
W	.2	1.0	2.9	2.3	.4	.1	.1					7.0	10.6
WNW	1.4	1.1	3.1	2.9	.5	.3						9.4	9.7
NW	1.3	1.7	2.2	1.8	.2							7.2	8.5
NNW	.6	2.0	3.7	2.3								8.4	8.2
VARBL													
CALM												5.6	
	14.9	24.1	33.1	18.3	2.8	.9	.3					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17713 STATION SEYMOUR-JOHNSON AFB NC 68-70.73-79 1970-1970
STATION NAME CLASS MONTH HOURS (LST)
ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.8	3.2	1.3								9.5	6.6
NNE	1.9	2.4	2.8	.8								7.7	6.4
NE	.8	2.3	.9	.4								4.3	5.7
ENE	.5	1.3	1.2									3.0	5.8
E	1.7	1.8	.4	.3								4.3	4.8
ESE	.6	1.2										1.8	3.5
SE	.6	.2	.1									1.0	3.3
SSE	.6	.3	.4									1.4	4.7
S	.5	1.3	1.5	.3	.2							3.9	7.6
SSW	.8	1.7	1.7	.6								4.8	6.8
SW	.8	1.8	3.3	1.4	.2							7.5	8.2
WSW	.9	2.9	1.9	3.1	.4	.1						9.2	9.2
W	1.6	2.6	3.0	1.5	.6	.2	.1					9.7	8.6
WNW	.4	2.5	3.8	2.2	.8	.2						9.8	9.6
NW	.5	1.5	2.9	1.4	.1							6.5	8.4
NNW	.8	1.6	3.0	1.6	.3							7.3	8.6
VARBL													
CALM												8.3	
	15.1	28.2	30.2	14.9	2.7	.5	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1313
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1600-2400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.0	1.5	.9								7.1	6.0
NNE	2.0	1.3	1.7	.3								5.4	5.5
NE	1.0	1.1	1.5	.3								3.9	6.3
ENE	1.0	1.4	1.0									3.3	5.2
E	1.8	1.0	.6	.2								3.7	4.5
ESE	1.3	.9	.1	.1								2.4	3.7
SE	.5	1.0	.2									1.7	4.4
SSE	.3	.8	.6	.2								1.9	6.5
S	1.6	2.2	1.4	.4	.1							5.7	5.8
SSW	1.4	1.0	1.1	.6								4.1	6.2
SW	1.3	1.3	1.5	.5								4.6	6.4
WSW	.6	1.5	1.4	1.1	.2							4.8	8.0
W	2.6	2.0	2.0	.6	.5							7.8	6.5
WNW	1.6	1.7	1.1	.8								5.2	5.9
NW	.9	1.7	1.5	1.3								5.4	7.4
NNW	1.3	2.6	2.2	.5	.1							6.7	6.5
VARBL													
CALM												26.3	
	21.0	24.3	19.5	8.0	1.0							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 STATION SEYMOUR-JOHNSON AFB NC 68-79.73-79 YEARS NA NORTH
ALL WEATHER CLASS 2127-2370 HOURS (LST)
CORRECTION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	4.1	2.0	.6								7.6	6.3
NNE	1.2	1.1	1.3	.2								3.8	5.8
NE	.9	.9	1.7	.2								3.7	6.6
ENE	.3	1.2	.6	.2								2.4	6.2
E	1.4	1.8	1.2									4.4	5.0
ESE	1.0	1.3	.2									2.5	4.0
SE	.5	.3		.1								1.0	4.0
SSE	1.0	.9	.6									2.5	4.7
S	.8	2.2	1.4	.5	.1	.1						5.1	6.7
SSW	1.5	1.7	1.4	.1	.1							4.8	5.6
SW	1.0	.4	.5	1.1								3.0	7.8
WSW	1.4	1.0	2.2	1.3	.1							5.9	7.5
W	2.0	2.0	1.2	.4	.4							6.1	6.2
WNW	1.4	.9	1.2	1.0	.1							4.5	7.3
NW	1.0	1.9	1.5	1.2								5.6	7.5
NNW	1.2	1.6	2.3	1.4	.4							6.9	6.0
VARBL													
CALM												30.3	
	17.3	23.2	19.4	8.4	1.3	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
ALL
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.7	2.9	.9	.7							7.5	6.2
NNE	1.2	1.9	1.9	.7	.7							5.7	6.5
NE	.7	1.3	1.4	.2								3.6	6.1
ENE	.7	1.4	1.1	.1								3.3	5.7
E	1.5	1.3	.6	.1								3.5	4.4
ESE	1.0	1.0	.2	.0								2.2	4.1
SE	.6	.4	.2	.0								1.2	4.3
SSE	.6	.5	.5	.1								1.6	5.4
S	.9	1.3	1.1	.4	.1	.7						3.8	6.5
SSW	1.2	1.4	1.4	.7	.1		.0					4.8	6.7
SW	.9	1.2	1.8	1.1	.1	.0						5.1	7.9
WSW	1.1	1.6	1.7	1.6	.3	.1	.1					6.5	8.8
W	1.6	2.2	2.2	1.3	.3	.1	.1	.0				7.7	7.6
WNW	1.1	1.6	2.0	1.2	.2	.1						6.2	8.0
NW	1.0	1.7	2.1	1.2	.1							6.0	7.5
NNW	1.3	2.3	2.8	1.2	.2							7.8	7.3
VARBL													
CALM												21.5	
	17.5	24.7	24.0	10.6	1.4	.3	.1	.0				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 STATION SEYMOUR-JOHNSON AFB AC 68-70, 73-79 YEARS 55.6 MONTH
STATION NAME CLASS ALL WEATHER HOURS (LST) 4200-0.00
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	3.7	2.2	1.1	.1							2.4	6.9
NNE	.8	2.0	1.7	.8								5.3	7.7
NE	.4	1.5	1.4	.4								3.7	6.5
ENE	.7	1.4	1.4	.1								3.7	5.9
E	1.4	1.5	.4									1.3	3.8
ESE	1.5	.5	.2									2.2	1.3
SE	.6	.5	.2	.1								1.4	4.9
SSE	.5	.7	.2									1.4	4.4
S	1.4	.8	1.3									3.5	4.9
SSW	1.5	2.0	1.7	.4								5.6	5.6
SW	1.1	1.3	1.9	.5								4.7	6.7
WSW	1.1	2.0	.8	1.2								5.1	6.7
W	.8	1.3	2.2	1.2	.2							5.8	8.1
WNW	1.1	1.7	.9	.5								4.1	6.0
NW	1.1	1.7	1.5	1.5								5.8	7.5
NNW	.6	3.3	1.8	1.2	.2							7.1	7.4
VARBL													
CALM												28.8	
	15.8	25.9	20.0	8.9	.5							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
FEB
MONTH
0300-0500
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	5.4	3.7	1.2	.1	.1						12.5	6.5
NNE	.6	1.3	2.1	.9								5.4	7.2
NE	.4	1.2	1.1	.4								3.0	6.8
ENE	.6	1.8	.6	.1								3.1	5.8
E	1.2	1.5	.5	.4								3.5	5.1
ESE	.7	.4	.1									1.2	4.1
SE	1.1	.2	.1	.1								1.5	3.6
SSE	.8		.4	.4								1.5	6.2
S	.9	.7	.4	.1								2.1	4.8
SSW	1.5	.6	.6	.4								3.1	5.2
SW	2.5	.9	1.3	.7								5.4	5.7
WSW	2.1	2.5	.9	.6								6.1	5.3
W	.8	3.7	2.1	.4								7.0	6.1
WNW	.8	2.0	1.8	.8								5.4	6.7
NW	1.2	2.6	1.4	.6								5.8	6.1
NNW	1.1	3.0	1.5	.7								6.3	6.2
VARBL													
CALM												27.0	
	18.3	28.3	18.6	7.7	.1	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 STATION SEYMOUR-JOHNSON AFB NC 68-70.73-79 YEARS
STATION NAME
ALL WEATHER
CLAS
CONDITION
FPL
MONTH
1600-0500
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	4.6	4.0	.7	.1	.1						11.0	6.7
NNE	1.1	2.7	3.1	.8	.2							7.9	7.1
NE	.6	1.3	.6	.5	.1							3.1	3.7
ENE	.7	1.2	.9	.4								3.2	3.9
E	1.4	1.5	.5									3.4	4.1
ESE	.4	1.5										1.9	4.3
SE	.8	.6	.4									1.6	4.5
SSE	.5	.4	.4	.5								1.7	7.1
S	1.3	.7	1.1	.2								3.3	5.3
SSW	.5	.9	1.2									2.6	5.7
SW	1.4	1.4	.7	.6								4.1	5.7
WSW	1.2	3.1	2.2	.6								7.1	6.0
W	1.5	2.7	2.0	.4								6.6	5.8
WNW	1.2	1.8	1.4	.6								5.0	6.4
NW	.5	2.5	1.3	.7								3.4	6.4
NNW	.6	3.8	1.4	.6	.1							6.5	6.4
VARBL													
CALM												25.4	
	15.5	30.7	21.2	6.5	.6	.1						120.0	4.6

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 68-70, 73-79 MONTH FEB
ALL WEATHER CLAM
CONDITION
MOVES (L & T) 900-100

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.2	5.0	1.8	.2							12.1	7.9
NNE	.2	1.9	4.6	2.4	.2							9.3	5.9
NE	.2	1.4	1.9	.9								4.5	5.1
ENE	.2	2.4	1.7	.5								4.7	6.7
E	.5	2.5	1.9									4.9	6.0
ESE	.7	1.8	.5	.1								3.1	5.1
SE	.4	1.5	.6									2.5	5.3
SSE	.2	.8	.2	.5								1.8	7.6
S	.6	.8	1.5	.5	.2							3.7	8.2
SSW	.6	.5	1.4	.8	.1							3.4	8.6
SW	.2	1.1	2.5	1.3	.1							5.2	8.9
WSW	1.1	1.4	3.6	1.5	.1		.1					7.8	8.5
W	.9	3.0	3.0	1.4								8.3	7.3
WNW	.5	1.9	2.4	1.7								6.4	8.4
NW	.2	.5	4.0	1.9	.1							6.7	9.6
NNW	.4	2.5	3.3	3.0	.4							9.5	9.4
VARBL													
CALM												5.2	
	7.9	27.1	38.9	18.2	1.5		.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 845

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 FE2
STATION NORTH
ALL WEATHER
CLASS
CONDITION
NOV 9-14 70
HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.2	5.1	3.2	.2							12.3	6.5
NNE	.4	2.2	3.3	1.7								7.6	8.3
NE	.6	1.8	2.7	.7								5.1	7.0
ENE	.9	1.1	.9	.1								3.1	5.5
E	1.2	1.7	1.2	.1								4.1	5.6
ESE	.8	.8	.6									2.2	4.6
SE	.4	.5	.4									1.2	5.6
SSE	.5	.5	.5	.2								1.7	6.0
S	.6	.6	.8	.8	.1							3.0	8.6
SSW		1.4	3.5	.7	.2							5.9	6.8
SW	.4	.8	2.1	2.4	.1							5.8	9.8
WSW		1.1	3.2	3.9	.9	.1						9.2	11.3
W	1.5	2.0	4.3	2.2	.1	.1						10.3	8.2
WNW	1.2	1.3	3.1	2.4	.1	.1						4.2	8.5
NW	.4	1.9	4.6	3.0	.5							10.3	9.7
NNW	.7	2.2	2.1	2.2	.1							7.4	8.3
VARBL													
CALM												7.7	
	11.0	22.1	27.7	23.6	2.5	.4						100.3	8.2

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
FE-
NORTH
15 0-1700
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.1	5.3	1.8	.2							11.2	7.6
NNE	.8	2.4	3.2	1.5								7.9	7.7
NE	.6	1.3	1.4	.7	.1							4.1	7.4
ENE	1.2	.7	1.2	.1								3.2	5.8
E	.6	.9	.7									2.2	5.4
ESE	.5	.8	.8									2.1	5.5
SE	.4	.2	.6	.1								1.5	6.4
SSE	.5	.7	.6	.1								1.9	6.1
S	.8	.6	1.1	.7								3.2	7.4
SSW	.4	1.1	2.7	1.5	.1							5.8	9.3
SW	.8	1.6	4.0	3.0								9.2	9.0
WSW	.5	2.2	2.5	3.0	.4	.2						8.7	9.6
W	1.7	2.4	3.1	2.7	.2							10.0	8.2
WNW	.5	1.8	3.5	1.9	.2	.1						8.3	9.1
NW	.5	1.2	3.3	3.0	.2							8.2	9.6
NNW	.5	2.2	3.2	2.2								8.2	8.3
VARBL													
CALM												3.7	
	11.6	23.0	37.5	22.3	1.5	.4						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 STATION SEYMOUR-JOHNSON AFB NC 63-70, 73-79 YEARS FER NORTH
ALL WEATHER CLASS 13713-0000 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.7	1.7	.6	.1							7.5	5.8
NNE	1.3	3.2	2.1	.5	.1							7.2	6.2
NE	1.1	.7	1.1	.4	.1							3.3	7.0
ENE	.7	2.1	.4	.1								3.3	5.1
E	1.9	.7	.4	.1								3.1	3.8
ESE	.6	1.2	.2									2.2	4.6
SE	.2	.2	.5	.4								2.7	6.8
SSE	.9	1.3	.3									3.1	4.8
S	1.2	2.6	1.5	.6								5.9	5.9
SSW	1.5	3.0	1.9	.4								6.7	5.8
SW	1.1	2.7	1.8	1.4	.1							7.1	7.1
WSW	1.9	1.5	1.3	.2			.1					5.1	5.8
W	.9	1.2	.9		.2	.1						3.4	6.6
WNW	1.4	.9	1.5	1.1								5.0	6.9
NW	.8	2.6	2.1	1.1	.2							6.9	7.6
NNW	1.2	2.0	1.5	1.2	.2							6.1	7.4
VARBL													
CALM												22.2	
	19.3	29.4	19.7	7.8	1.2	.1	.1					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 346

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17713 STATION SEYMOUR-JOHNSON AFB NC 68-70, 73-79 YEARS
ALL WEATHER
CLAM
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.8	1.7	1.3		.1						2.8	6.5
NNE	.5	1.9	.9	.8								4.1	5.7
NE		1.7	1.7	.5								3.9	7.5
ENE	.2	1.7	.2									.1	5.1
E	2.8	1.2	.2									4.3	3.1
ESE	1.3	1.2	.4									2.8	3.9
SE	1.3	1.3	.1									2.7	3.7
SSE	.9	.9	.6	.1								2.6	5.0
S	1.5	3.3	.9	.1								5.2	4.8
SSW	1.3	3.2	3.0	.5	.1							6.0	6.4
SW	1.1	1.2	1.5	.5	.1							4.4	6.5
WSW	1.1	.9	1.2	.6	.1							3.9	6.8
W	.6	.7	1.5	.6	.4							3.8	6.8
WNW	.7	.7	1.9	.7								4.3	7.7
NW	.7	1.2	2.1	.9								5.0	8.2
NNW	1.3	1.3	2.0	1.2								5.6	7.7
VARBL													
CALM												29.0	
	17.3	25.2	20.0	7.8	.7	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1713
STATION

SEYMOUR-JOHNSTON AFB NC
STATION NAME

66-70, 73-79
YEARS

FE -
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KMTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.5	3.7	1.4	.1	.1						10.4	7.2
NNE	.7	2.3	2.6	1.2	.1							5.9	7.5
NE	.5	1.4	1.4	.5	.1							3.8	7.2
ENE	.7	1.5	.9	.2								3.3	5.8
E	1.4	1.4	.7	.1								3.6	4.6
ESE	.8	1.0	.4	.0								2.2	4.4
SE	.6	.7	.4	.1								1.8	5.1
SSE	.6	.7	.5	.2								2.0	5.2
S	1.0	1.2	1.1	.4	.7							3.8	6.1
SSW	.9	1.6	2.0	.6	.1							5.1	7.0
SW	1.1	1.4	2.0	1.3	.1							5.7	7.6
WSW	1.1	1.8	2.0	1.4	.2	.7	.3					6.6	7.9
W	1.1	2.1	2.4	1.1	.1	.7						6.9	7.4
WNW	.9	1.5	2.1	1.2	.7	.7						5.8	7.7
NW	.7	1.8	2.6	1.6	.1							6.6	8.3
NNW	.8	2.5	2.1	1.5	.1							7.1	7.8
VARBL													
CALM												18.1	
	14.6	26.5	26.7	12.9	1.1	.1	.7					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

6767

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

MAR
MONTH

ALL WEATHER
CLASS

00 0-200
NO. OF (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.3	1.9	1.0								7.3	6.3
NNE	.1	1.7	.6	.1								2.6	6.0
NE	.6	1.8	1.0									3.4	5.5
ENE	.5	1.3	1.2	.4								3.4	6.6
E	2.0	3.2	1.5	.1								6.9	5.1
ESE	2.2	1.5	.8									4.4	4.3
SE	1.3	1.1	.2	.1								2.7	3.9
SSE	1.9	1.1	.3	.5								3.9	4.9
S	1.4	2.3	1.5	.3								5.5	5.5
SSW	1.6	2.9	3.0	.5	.2							6.3	6.7
SW	1.1	1.4	1.9	.3								4.7	6.3
WSW	.4	2.3	1.3	.4								4.4	6.2
W	.9	2.8	1.6	.5	.4							6.2	7.2
WNW	.8	2.2	1.7	.5								5.2	6.8
NW	.8	1.2	1.7	.4								4.1	6.8
NNW	.5	1.4	1.9	.5	.1							4.5	7.5
VARBL													
CALM												22.8	
	18.0	30.3	22.3	5.9	.8							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.5	2.4	1.2								9.6	6.1
NN ^W	.6	1.3	1.4	.1								5.4	6.0
NE	.4	1.4	.6									1.5	4.7
ENE	1.4	2.0	1.5	.1	.1							5.2	5.7
E	1.8	2.3	1.3	.2								5.6	5.1
ESE	1.1	2.0	.3	.1								3.5	4.6
SE	.5	1.1	.3									1.9	4.9
SSE	.4	.6	.6									1.7	5.6
S	1.3	1.6	.6	.2								3.8	5.1
SSW	1.4	1.4	1.7	1.0	.1	.2						5.8	7.6
SW	2.0	2.9	1.6	.6								7.2	5.4
WSW	1.8	1.8	1.6									5.3	5.1
W	1.2	2.4	1.1	.6								5.3	6.0
WNW	.9	1.2	1.5	.5								4.1	6.7
NW	.4	1.2	1.9	.3								3.9	7.2
NNW	1.2	1.5	2.6	.8								6.0	6.7
VARB ¹													
CALM												25.1	
	19.2	28.3	21.2	5.8	.2	.2						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-73, 73-79
YEARS

44
MONTH

ALL WEATHER
CLASS

107-187
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.9	3.1	.6								9.6	6.2
NNE	.6	2.3	1.5	.1								4.5	6.7
NE	.3	2.5	1.3									4.1	5.7
ENE	1.4	1.5	1.2	.1								4.2	4.5
E	1.3	3.0	1.0									5.3	4.9
ESE	1.2	1.9	.6									3.8	4.4
SE	.4	.6	.8									1.8	5.2
SSE	.3	1.1	.3	.4								2.6	6.3
S	.5	2.4	1.2	.3								4.4	5.9
SSW	1.0	1.8	.9	.8	.1	.1						4.5	7.3
SW	1.4	1.9	1.9	1.1								6.3	6.7
WSW	1.9	2.6	1.3	.2		.1						6.1	5.5
W	1.2	2.0	1.3	.9	.1	.1						5.6	7.2
WNW	.8	1.3	1.8	.3								4.2	6.5
NW	.9	1.6	1.7	.4								4.6	6.7
NNW	.6	1.5	2.4	.6								5.2	7.4
VARBL													
CALM												23.1	
	16.1	31.9	22.3	6.0	.2	.3						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 4A2
STATION STATION NAME YEARS NORTH
ALL WEATHER
CLASS
CONDITION
1967-1969
MOUSE (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPED
N	.9	2.6	4.4	2.3	.1							10.2	8.2
NNE	.6	2.4	2.6	1.1								6.7	7.5
NE	.5	3.1	1.7	.2								5.6	5.9
ENE	1.0	2.4	2.4	.3								6.0	6.4
E	1.1	2.2	2.0									5.3	5.5
ESE	1.2	1.8	.9	.2								4.1	5.2
SE	.9	1.1	1.1									3.0	5.4
SSE	.5	.8	1.2	.3	.1							2.9	7.4
S	1.5	1.7	.8	.4	.3	.1						4.8	6.6
SSW	.3	.6	2.2	1.3								4.4	6.9
SW	.5	.9	3.0	2.9	.9							8.2	15.6
WSW	.6	1.5	2.6	1.9	.3		.1					7.1	9.2
W	.6	2.5	5.8	1.8	.4	.3	.1					9.6	9.4
WNW	1.0	1.4	1.7	1.1								5.2	7.6
NW	.2	1.1	2.4	2.3								5.9	9.7
NNW	.1	1.4	2.3	2.2	.1							6.5	9.4
VARBL													
CALM												5.1	
	11.6	27.3	34.8	18.3	2.3	.4	.2					102.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13713
STATION

SEYMOUR-JOHNCON AFB NC
STATION NAME

68-70,73-79
YEARS

MA3
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.3	4.4	1.1								5.7	7.4
NNE	.9	1.9	1.5	.6								1.9	6.3
NE	1.0	1.0	1.1	.3								7.3	5.8
ENE	1.0	2.3	1.1	.3								4.6	5.8
E	1.1	1.9	1.2	.4								4.6	5.9
ESE	.8	1.0	.6									2.4	4.7
SE	.5	.9	.9	.1								2.4	6.7
SSE	.5	1.0	1.9	1.1								4.5	8.1
S	.6	1.4	.9	.8								3.7	7.1
SSW	.2	1.3	2.8	1.4	.2	.1						6.0	9.5
SW	.6	.6	1.8	3.9	1.5	.1						8.6	11.8
WSW	.5	1.2	2.5	3.1	1.3	.2	.1					8.9	11.6
W	.6	2.0	4.9	3.9	.9	.4	.1	.1				13.0	10.9
WNW	.5	1.1	1.9	2.4	.4							6.3	9.8
NW	.5	1.2	2.5	2.9	.2							7.3	9.7
NNW	1.1	1.6	1.8	1.1								5.6	7.4
VARBL													
CALM												5.1	
	11.5	22.6	31.8	23.3	4.5	.9	.2	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

15713 STATION SEYMOUR-JOHNSON AFB NC 65-73, 73-79 YEARS 48 MONTHS
STATION NAME CLIM
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.7	2.9	.9	.1							8.1	6.7
NNE	.4	1.7	1.3	.4								3.9	6.7
NE	.8	1.8	1.4	.3								4.3	5.9
ENE	.5	1.2	1.5									3.2	6.2
E	1.4	1.8	1.1	.3	.1							4.7	5.5
ESE	.8	1.4	.3									2.5	4.4
SE	.5	.4	.8	.1								1.8	6.1
SSE	.5	1.1	1.8	.8								4.4	7.5
S	.6	1.3	1.9	.8	.2							4.8	7.9
SSW	.3	1.7	2.6	1.8	.2							6.7	9.0
SW	.5	1.2	2.5	3.0	.3							7.5	10.0
WSW	.6	1.8	3.7	2.9	1.3	.2						10.5	10.5
W	.6	1.5	3.5	3.8	1.3	.3						11.1	11.2
WNW	.5	1.7	3.0	2.9	.3	.1						5.6	9.9
NW	.6	1.3	2.9	2.7	.1	.1						7.7	9.6
NNW	.9	1.4	1.6	1.4								5.3	7.9
VARBL													
CALM												4.8	
	11.5	24.1	32.8	22.0	4.0	.5						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

MAC
MONTH

ALL WEATHER
CLASS

1800-2300
MOVES (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.0	1.5	1.1	.1							7.1	6.4
NNE	1.5	1.0	1.4	.2								4.1	5.6
NE	.8	1.0	1.0	.1								2.8	5.5
ENE	1.6	2.0	1.1	.3								5.1	5.4
E	2.2	3.0	1.0	.2								6.3	4.7
ESE	1.5	1.0	.4	.2								3.1	4.6
SE	1.0	.8	1.1	.1								2.9	5.7
SSE	.6	2.4	2.6	.5								5.1	6.6
S	1.5	3.0	4.0	.6								9.1	5.6
SSW	2.0	2.7	3.1	.8	.1							8.7	6.6
SW	1.3	1.9	1.2	.5								4.9	5.8
WSW	1.0	1.4	1.9	1.2	.1							5.6	7.5
W	1.4	2.3	1.8	1.1	.1	.2	.1					7.0	7.7
WNW	.3	1.1	1.9	1.2	.1							4.6	8.5
NW	.5	1.1	1.5	1.0		.1						4.2	8.3
NNW	1.2	1.8	1.3	1.1								5.4	7.0
VARBL													
CALM												12.9	
	20.8	28.4	26.8	10.2	.5	.3	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
MAP NORTH
FIG 2-2300
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.9	1.1	1.0	.1							5.6	6.6
NNE	1.1	.3	1.0	.2								2.6	5.8
NE	.2	1.2	.5									1.9	5.3
ENE	.6	.9	1.1	.5								3.1	7.1
E	1.5	3.2	1.1	.4								6.2	5.5
ESE	1.9	2.8	1.1	.2								6.0	4.9
SE	1.7	1.8	1.0									4.5	4.5
SSE	2.0	2.5	1.2	.3	.1							6.1	5.1
S	1.3	5.5	2.2	1.1								10.0	6.2
SSW	1.0	4.0	5.3	1.2								11.4	7.3
SW	.3	1.6	.4	.1								2.5	5.6
WSW	.4	1.4	.8	.3								2.9	5.7
W	.8	1.5	1.8	.4	.3							4.8	7.7
WNW	.6	1.8	1.4	.1								4.0	5.9
NW	.5	1.4	2.2	1.2	.1	.1						5.5	8.5
NNW	.5	1.1	1.3	.6	.1							3.7	7.7
VARBL													
CALM												19.1	
	16.1	32.9	23.2	7.7	.8	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713
STATION

SEYHOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

MA
MONTH

ALL
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 5	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.6	2.7	1.1	.1							3.3	6.5
NNE	.7	1.6	1.4	.4								4.1	6.4
NE	.6	1.7	1.1	.1								3.5	5.6
ENE	1.0	1.7	1.4	.3	.0							4.4	5.9
E	1.5	2.6	1.3	.2	.7							5.6	5.2
ESE	1.3	1.7	.6	.1								3.7	4.7
SE	.9	1.0	.6	.1								2.6	5.1
SSE	1.0	1.3	1.2	.5	.0							4.0	6.4
S	1.1	2.4	1.6	.6	.1	.0						5.2	6.4
SSW	1.0	2.1	2.7	1.1	.1	.0						7.0	7.7
SW	1.0	1.6	1.8	1.6	.3	.0						6.2	8.3
WSW	.9	1.7	1.9	1.3	.4	.1	.0					6.4	8.4
W	.9	2.1	2.5	1.6	.4	.7	.0	.0				7.8	9.0
W ¹ / ₂ W	.7	1.5	1.9	1.1	.1	.0						5.3	8.1
NW	.6	1.2	2.1	1.4	.1	.0						5.4	8.6
NNW	.8	1.5	1.9	1.0	.0							5.2	7.6
VARBL													
CALM												14.7	
	15.6	28.2	26.9	12.4	1.7	.4	.1	.0				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 STATION SEYMOUR-JOHNSON AFB NC 68-75, 73-79 YEARS ADP MONTH 000-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.6	1.6	.4								5.1	5.6
NNE	.6	1.2	1.0	.3								3.1	6.4
NE	.2	.9	.6	.2	.1							2.0	7.2
ENE	1.2	1.3	.9									3.4	4.8
E	1.6	1.7	1.0	.1								4.3	4.8
ESE	2.4	.9	.2									3.6	3.3
SE	1.6	1.2	.3									3.1	3.7
SSE	1.2	.8	.2									2.2	3.6
S	2.2	3.1	1.2	.3								6.9	4.9
SSW	1.4	3.3	3.4	1.0	.2							9.4	7.2
SW	1.9	3.2	3.1	1.2								9.4	6.6
WSW	1.3	2.7	1.3	.1								5.4	5.2
W	1.4	1.2	.7	.6	.1							4.2	5.9
WNW	.4	1.8	.9	.3								3.4	6.4
NW	.4	1.6	.8	.2								3.5	6.1
NNW	.2	1.2	1.2	.4								3.1	7.6
VARBL													
CALM												28.3	
	19.8	27.7	18.4	5.3	.4							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
APR
MONTH
70-79
YEARS (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.8	.9	.3								5.1	5.2
NNE	1.3	2.1	.6	.6								4.5	5.4
NE	.6	1.3	1.2									5.1	6.1
ENE	.7	1.6	.7									2.9	5.1
E	1.7	.9	1.1									5.7	4.3
ESE	1.6	.9	.4	.1								3.5	4.0
SE	1.1	.8										1.9	2.9
SSE	.7	.7	.1									1.4	3.5
S	3.0	1.7	1.2	.7								6.6	5.2
SSW	1.6	2.1	1.3	1.0								6.2	6.6
SW	1.2	4.0	3.0	.4	.1							8.8	6.2
WSW	2.1	3.9	1.1	.3								7.4	4.9
W	2.0	2.2	.8	.2	.1							5.3	5.0
WNW	.6	1.4	1.4	.1								3.6	6.2
NW	.7	1.9	.8	.1								3.4	5.4
NNW	.9	1.7	1.1	.2		.1						4.0	6.1
VARBL													
CALM												29.2	
	21.7	28.9	15.8	4.1	.2	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-713 STATION NAME SEYMOUR-JOHNSON AFB NC YEAR 69-70, 73-79
APR NORTH
ALL WEATHER
CLAS
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.8	2.4	1.8	.9								12.2	6.0
NNE	1.2	2.4	1.7	.2								2.6	5.5
NE	1.2	1.9	.9	.1								4.1	2.1
ENE	.6	1.4	1.1	.1								3.2	6.0
E	2.1	2.3	.9	.1								2.4	4.5
ESE	.6	.9	.3									1.3	4.4
SE	.9	.4	.6									1.2	4.6
SSE	1.2	.6	.2									.2	3.3
S	1.0	2.8	1.1	.2								5.1	5.4
SSW	1.1	2.0	1.4	1.2	.1							5.9	7.3
SW	.9	2.7	3.1	1.1								7.8	7.1
WSW	1.4	3.6	2.0	.7	.1							7.8	6.2
W	1.2	1.9	3.4	1.0								8.1	6.8
WNW	1.1	2.7	1.0	.2								2.0	5.5
NW	.8	1.6	1.0	.1	.1							3.6	6.4
NNW	.4	2.0	1.9	.3								4.7	6.7
VARBL													
CALM												21.2	
	18.1	31.6	22.4	6.3	.3							102.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1713 SEYMOUR-JOHNSON AFB NC 68-72, 73-79
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
APR
MONTH
1970-1979
YEARS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.4	5.1	1.7	.2							10.7	7.9
NNE	.9	1.4	2.8	.6								5.7	6.8
NE	.4	2.0	1.9	.2								4.6	6.3
ENE	1.2	2.4	3.4	.6								6.4	6.5
E	1.0	2.0	1.3	.2								4.6	5.0
ESE	1.6	1.4	1.0									4.0	4.6
SE	.7	1.6	.8									3.0	5.3
SSE	.8	.8	.4	.1								2.1	4.8
S	.8	.9	2.2	.7	.2							4.8	7.3
SSW	.7	.9	2.2	2.0	.2							6.0	9.2
SW	.1	1.3	2.8	3.6	.8	.1						6.7	11.0
WSW	.7	1.1	3.1	2.8	.3	.1						7.1	10.0
W	1.0	3.0	3.4	2.8	.3	.1						10.7	8.4
WNW	.8	1.2	2.3	2.3	.2	.1						7.0	9.3
NW	.2	.6	2.3	.9	.1							4.1	8.9
NNW	.3	1.9	2.8	1.0								5.0	8.1
VARBL													
CALM												3.7	
	12.1	25.0	37.0	19.3	2.4	.4						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1713 STATION SEYNOUR-JOHNSON AFB NC 65-73-79 YEARS APR MONTH 12-14-77
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.9	2.7	1.7	.1							8.6	7.5
NNE	1.7	1.8	1.7	.4								4.9	6.3
NE	.3	.8	.7	.1								1.9	6.1
ENE	1.4	1.7	1.8									4.9	5.3
E	1.1	2.7	1.2									3.0	5.3
ESE	.8	1.9	.6									3.2	5.7
SE	.9	1.4	.2									6.6	4.3
SSE	.3	1.2	.6									2.1	5.7
S	.6	1.1	2.3	.3								4.3	7.1
SSW	.2	1.4	2.7	3.1	.3							7.8	10.1
SW	.4	1.1	2.3	3.1	.3	.2						7.6	10.8
WSW	.6	1.7	3.1	3.7	1.1	.4						12.6	11.3
W	1.0	3.6	3.3	2.6	1.2	.1						11.8	9.2
WNW	.9	1.2	2.4	2.2	.2	.1						7.1	9.2
NW	.2	1.6	3.2	2.2	.1							7.3	9.1
NNW	.8	2.1	3.7	1.1								7.7	7.3
VARBL													
CALM												2.8	
	11.8	28.1	32.4	20.6	3.4	.9						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

15713 STATION SEYMOUR-JOHNSON AFB NC 68-70, 73-79 APR NORTH
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2	2.7	1.7	.1							7.8	7.4
NNE	.4	1.9	1.7	.1	.1							4.2	6.4
NE	.9	1.2	.8									2.9	5.3
ENE	.6	1.1	1.6	.1	.1							5.4	6.7
E	.6	1.3	1.7	.1								3.7	6.7
ESE	.6	1.7	.4	.1								2.8	5.4
SE	.3	.8	1.0									2.1	6.1
SSE	.8	1.8	1.8	.1								4.4	6.1
S	.4	1.8	2.6	.9								5.7	7.7
SSW	.3	1.6	3.2	1.6								6.7	8.6
SW	.1	2.1	2.6	4.8	.9	.1						13.6	10.9
WSW	1.1	1.8	3.7	3.8	1.1	.6						12.0	10.6
W	1.0	2.9	2.1	3.0	.4							9.4	8.8
WNW	.6	1.8	2.9	1.8	.4							7.3	9.0
NW	.2	1.6	2.9	2.1								6.8	8.9
NNW	1.0	1.4	3.4	1.2	.1							7.2	7.9
VARBL													
CALM												3.0	
	.0	26.9	34.8	21.3	3.3	.7						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1713 STATION SCYMOUR-JOHNSON AFB NC 69-71, 73-79 YEARS
APF NORTH
ALL WEATHER CLASS
16.0-20.0 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.3	2.2	.2	.1							6.9	5.9
NNE	.7	.8	.4									1.9	4.5
NE	.8	1.1	.6									2.4	4.9
ENE	.6	.9	1.1	.1								2.7	6.0
E	1.3	2.9	2.6	.9								7.7	6.5
ESE	.6	1.2	.1									1.9	4.1
SE	.7	.8	.9									2.3	5.0
SSE	1.6	3.8	.8	.1								6.2	4.8
S	1.8	4.6	5.3	.8								12.4	6.3
SSW	1.2	3.0	3.9	1.4								9.6	7.1
SW	.9	1.9	3.1	1.6								7.4	6.0
WSW	.8	1.0	1.1	1.3	.3			.1				4.7	9.0
W	.9	1.7	1.6	1.0	.2	.1						5.4	7.8
WNW	.6	1.7	1.6	.8	.1							4.7	7.4
NW	.6	1.4	1.0	.8								3.8	7.5
NNW	1.0	.9	2.4	.3								4.7	6.5
VARBL													
CALM												15.3	
	15.8	29.9	28.7	9.3	.8	.1		.1				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1713 SEYMOUR-JOHNSON AFB NC 68-7J, 73-79 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.3	2.1	.3								5.4	5.9
NNE	1.0	.4	.7									2.1	4.9
NE	.4	1.0	.4	.2								2.1	5.7
ENE	.3	.8	.4	.1								1.7	5.9
E	1.6	2.2	2.6	.4								6.8	6.1
ESE	1.6	2.7	1.3									5.6	5.0
SE	2.1	1.8	.4	.1								4.4	4.0
SSE	1.7	3.7	1.0									6.3	4.5
S	3.3	6.1	3.4	.2								13.1	5.3
SSW	1.6	4.6	5.1	1.7	.1							13.0	7.1
SW	.3	1.6	2.7	1.2								5.8	8.0
WSW	.1	.7	.9	.2	.1							2.0	7.5
W	.7	.8	.4	.4								2.3	6.3
WNW	.8	1.1	.8	.4	.1							3.2	6.9
NW	.1	1.2	1.0	.8								3.1	8.1
NNW	.2	.9	.6	.3								2.0	7.5
VARBL													
CALM												21.0	
	17.4	30.8	23.9	6.6	.3							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12713 STATION SEYMOUR-JOHNSON AFB NC 68-73-73-79
STATION NAME YEARS
ALL WEATHER
CLAS
ALL
HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.1	2.4	.9	.1							7.1	6.7
NNE	.9	1.5	1.3	.3	.7							4.0	6.7
NE	.6	1.3	.9	.1	.							2.9	5.8
ENE	.8	1.4	1.2	.1	.7							3.6	5.9
E	1.4	2.0	1.5	.2								3.1	5.6
ESE	1.2	1.4	.6	.0								3.2	4.5
SE	1.0	1.1	.5	.0								2.7	4.4
SSE	1.0	1.7	.6	.7								3.4	4.7
S	1.6	2.7	2.4	.5	.7							7.4	6.1
SSW	1.0	2.4	2.9	1.6	.1							8.0	7.8
SW	.7	2.2	2.8	2.1	.3	.1						8.2	8.6
WSW	1.0	2.0	2.0	1.6	.4	.1		.0				7.2	8.6
W	1.2	2.2	2.0	1.4	.3	.0						7.1	7.8
WNW	.7	1.6	1.7	1.0	.1	.0						3.2	7.9
NW	.4	1.4	1.6	.9	.0							4.4	7.9
NNW	.6	1.5	2.1	.6	.0	.0						4.9	7.3
VARBL													
CALM												15.6	
	15.8	28.6	26.7	11.6	1.4	.3		.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

WAY
MONTH

ALL WEATHER
CLASS

0000-2400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.0	1.1	.1								4.3	5.2
NNE	.6	.8	.6									2.7	5.2
NE	.5	1.4	.6	.1								2.7	5.6
ENE	1.1	1.5	.5									3.1	4.6
E	2.6	1.7	.8	.2								5.3	4.3
ESE	2.4	1.2	.8	.2								4.5	4.4
SE	1.7	.6	.1									2.5	2.9
SSE	2.2	1.5	.2									3.7	3.4
S	3.4	2.8	.6									6.9	3.8
SSW	3.2	4.7	1.9	.2								10.1	4.9
SW	2.8	3.8	1.4	.1								8.1	4.6
WSW	1.7	3.9	.5									6.1	4.3
W	1.1	1.5	.2									2.8	3.9
WNW	1.0	.4	.1	.1								1.6	3.9
NW	.6	.8	.2									1.6	4.1
NNW	.5	1.3	.4	.1								2.4	5.3
VARBL													
CALM												72.2	
	26.6	29.9	10.2	1.2								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1713 STATION SEYMOUR-JOHNSON AFB NC 68-70, 73-79 YEARS 44V NORTH
ALL WEATHER CLASS 0303-0500 HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.8	1.1	.2								4.7	4.9
NNE	1.2	1.8	.8	.2								4.0	3.0
NE	1.2	2.3	.4	.1								4.0	4.7
ENE	1.2	1.4	.6	.1								3.3	4.5
E	1.5	1.9	.5									4.0	4.2
ESE	1.2	1.1	.4	.1								2.8	4.2
SE	1.1	1.1										2.2	3.7
SSE	1.5	.9	.2									2.6	3.3
S	3.4	2.3	.2	.1								6.0	3.4
SSW	2.0	1.9	.8	.4								5.2	4.8
SW	2.0	3.4	.8	.1								6.4	4.7
WSW	1.6	3.8	.5									5.5	4.3
W	3.2	2.6	.2									6.0	3.7
WNW	1.1	1.3	.2									2.6	4.0
NW	.5	1.4	.2									2.2	4.5
NNW	.9	1.3	.6									2.8	4.9
VARBL													
CALM												35.4	
	25.3	30.2	7.6	1.4								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

63-76, 73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

17713-76
NUMBER (L S T)

CORRECTION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	3.7	1.8	.1								8.4	3.7
NNE	1.2	2.7	1.5	.3	.1							5.8	3.1
NE	.9	2.0	1.8	.5								5.3	3.2
ENE	1.3	2.0	1.0	.2								4.5	3.1
E	1.3	2.8	1.7									5.6	3.3
ESE	.5	1.0	.4									1.9	3.2
SE	1.5	1.1	.3									2.9	3.7
SSE	1.6	1.3	.2									3.1	3.9
S	1.4	2.7	.5									4.6	4.4
SSW	1.2	1.6	1.0	.2								4.0	3.6
SW	1.1	3.3	1.5	.3								6.2	3.8
WSW	2.2	3.5	2.2	.3								8.2	3.5
W	3.1	3.5	1.6	.3								8.6	4.9
WNW	1.0	2.3	.5	.2								4.0	4.8
NW	.9	1.6	.5	.1								3.1	5.0
NNW	1.0	1.6	1.0									3.5	5.0
VARB.													
CALM												20.0	
	22.8	36.8	17.6	2.7	.1							175.0	4.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/FAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.7	4.2	.4								12.2	6.2
NNE	.8	2.2	1.5	.2								4.6	6.0
NE	.6	3.2	2.5	.3								6.7	6.5
ENE	.9	2.8	3.1	.1								6.9	6.2
E	1.4	2.9	2.0	.3								6.7	5.5
ESE	.4	1.3	1.7	.2								3.7	6.8
SE	.8	1.7	.9	.1								5.7	5.4
SSE	1.2	.9	1.2	.1								3.3	5.5
S	1.4	2.2	1.5	.2								5.3	5.7
SSW	.9	1.5	2.8	1.0								5.1	7.5
SW	.5	.8	3.9	1.5								6.7	8.6
WSW	1.2	2.5	3.9	1.6								9.6	7.7
W	1.8	4.4	3.3	1.0								11.4	6.8
WNW	1.1	1.0	1.8	.5								4.4	6.9
NW	.5	1.0	1.4	.4								7.3	7.1
NNW	.6	1.6	1.6	.6								4.5	6.8
VARBL													
CALM												4.2	
	15.8	33.1	37.3	9.6								103.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 MAY
STATION STATION NAME YEARS NORTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.4	2.9	.8								6.8	6.9
NNE	.8	3.3	1.5	.4								6.2	6.0
NE	.5	2.7	1.5	.3								5.1	6.3
ENE	.8	2.6	2.0	.3	.1							3.8	6.2
E	.8	2.2	1.8	.3								5.1	6.1
ESE	.5	.9	1.3									2.7	6.1
SE	.4	1.2	.5									2.2	5.3
SSE	1.1	1.2	1.6	.1	.1							4.1	6.0
S	1.3	1.7	2.8	.6								6.5	6.7
SSW	1.3	2.2	2.5	1.2	.1							7.2	7.2
SW	1.0	1.3	3.1	3.0	.1	.1						3.6	9.1
WSW	1.7	2.9	3.4	1.8								9.9	7.3
W	1.6	2.4	3.9	2.4	.3							10.5	6.0
WNW	1.0	2.5	2.2	1.2								6.6	7.0
NW	.3	.8	2.0	.4								3.5	7.5
NNW	1.2	2.2	2.3	.1								5.7	6.2
VARBL													
CALM												3.7	
	14.9	32.2	35.4	13.0	.8	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 62-73, 73-79 MONTH MAY
ALL WEATHER CLASS 1507-1700 HOURS (L & T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.7	3.3	.4	.1							3.9	6.3
NNE	.6	1.9	1.7	.3								4.5	6.4
NE	.4	2.4	1.5	.2								4.5	6.4
ENE	.8	2.5	2.0	.2								5.5	6.1
E	.6	2.5	1.7	.3								5.2	6.4
ESE	.4	.5	1.1	.1								2.2	6.7
SE	.1	1.2	1.5	.2								3.0	6.8
SSE	1.7	1.7	1.3	.3								5.1	6.3
S	1.3	3.3	3.2	.8								6.6	6.7
SSW	.8	1.6	3.1	1.3								6.8	7.6
SW	.5	1.8	3.3	2.3								8.1	8.5
WSW	.6	1.5	2.7	2.6								7.4	8.6
W	1.1	3.5	3.3	1.3	.2							9.5	7.2
WNW	.4	2.0	3.1	1.5								7.1	7.9
NW	.6	1.5	1.7	1.0	.1							4.9	7.6
NNW	.8	1.7	2.0	.4								4.9	6.6
VARBL													
CALM												5.9	
	13.0	32.7	36.8	13.2	.4							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1312-2,00
HOURS (L.S.T.)

CORRECTION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	2.0	1.6	.2		.1						6.1	5.4
NNE	2.3	1.4	.3									4.0	3.9
NE	.8	1.3	1.3									3.3	5.9
ENE	1.5	2.0	1.4	.1								5.1	5.0
E	2.2	3.2	2.0	.1								7.5	5.1
ESE	.5	.9	1.5	.1								3.0	6.5
SE	1.8	1.2	.6	.2								3.9	4.6
SSE	3.6	4.2	1.6									9.4	4.6
S	2.4	5.9	3.3	.5								12.2	5.6
SSW	.9	3.8	2.3	.1								7.0	6.0
SW	1.8	1.7	1.7	1.0								6.2	6.1
WSW	1.1	1.0	1.3	.2								3.6	5.6
W	1.1	1.4	.5	.3	.1							3.4	5.9
WNW	.8	1.4	.4									2.6	5.0
NW	.8	1.2	1.1	.3								3.3	6.3
NNW	.8	1.2	.6	.6								3.2	6.7
VARBL													
CALM												10.1	
	24.2	33.8	21.8	3.9	.1	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

210~230
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.7	1.0	.1								4.3	5.0
NNE	.3	1.5	.3									2.2	5.1
NE	.3	.4	.8									2.5	6.0
ENE	.4	1.4	.6	.1								2.6	5.2
E	3.2	2.9	1.2	.1								7.4	4.2
ESE	1.4	1.7	1.1	.1								4.3	5.1
SE	1.7	2.3	.8									4.7	4.3
SSE	3.4	3.1	.5									7.1	3.7
S	4.5	7.2	2.8									14.5	4.5
SSW	1.5	4.5	0.0	.5								10.5	6.3
SW	1.1	2.7	.9									4.6	5.0
WSW	1.1	1.0	.4	.3								2.6	4.6
W	.8	.6										1.4	3.5
WNW	.3	.4										.8	3.7
NW	.4	.8	.2	.2								1.6	3.5
NNW	.6	.2	.2	.3								1.4	6.4
VARBL													
CALM												25.4	
	22.4	32.8	14.7	1.6								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE, PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1973 LEYMCOR-JOHNSON AFB NC 63-70, 73-79 MAY
STATION NORTH
ALL WEATHER
CLAS
MOVES (L & T)

SPEED (KMTS) Dir.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.6	2.1	.3	.1	.1						5.7	5.7
NNE	1.0	1.9	1.0	.2	.2							4.1	5.6
NE	.7	2.0	1.3	.2								4.1	6.0
ENE	1.0	2.0	1.4	.1	.1							4.5	5.5
E	1.7	2.5	1.5	.2								5.9	5.1
ESE	.9	1.1	1.0	.1								3.1	5.5
SE	1.1	1.2	.6	.1								3.0	4.6
SSE	2.0	1.8	.9	.1	.2							4.6	4.5
S	2.4	3.5	1.9	.3								9.1	5.1
SSW	1.5	2.7	2.3	.6	.7							7.1	6.2
SW	1.4	2.4	2.1	1.5	.7	.7						6.9	6.7
WSW	1.4	2.6	1.9	.8								6.7	6.4
W	1.7	2.5	1.6	.8	.1							5.7	6.1
WNW	.8	1.4	1.0	.4								3.7	6.2
NW	.6	1.1	.9	.3	.7							3.0	6.3
NNW	.8	1.4	1.1	.3								3.6	6.1
VARBL													
ALM												18.3	
	20.6	32.7	22.7	.8	.2	.0						130.0	4.7

TOTAL NUMBER OF OBSERVATIONS 7436

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17/13 STATION SEYMOUR-JOHNSON AFB NC 62-70.7-79 YEARS MONTH JULY
STATION NAME CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.1	.7									3.2	4.5
NNE	1.0	.7	1.1	.1								4.0	5.0
NE	1.1	.9	.1									2.2	3.5
ENE	1.7	1.4	.4				.1					3.7	4.7
E	2.6	1.7										4.2	3.1
ESE	2.2	.9										3.1	2.7
SE	1.3	.7										2.2	3.0
SSE	2.4	1.6	.1									4.2	3.2
S	6.6	2.7	.8									10.0	3.2
SSW	3.1	4.2	1.8									9.1	4.6
SW	1.6	2.9	1.5	.2								6.4	5.5
WSW	1.3	2.6	.2	.1								4.2	4.2
W	.9	.4	.3									1.7	4.1
WNW	.1	.6	.1									.8	4.4
NW	.2	.2	.3									.8	5.7
NNW	.4	.2	.1	.1								.9	5.0
VARBL													
CALM												30.6	
	27.9	25.0	7.9	.6			.1					100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-75, 73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1310-1300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	2.2	.4	.1								.1	4.0
NNE	1.1	2.3	.4	.2								4.1	4.9
NE	.3	1.8	.3									3.4	4.1
ENE	1.4	.8	.3									3.6	3.6
E	1.4	1.9	.3									3.7	4.0
ESE	1.9	.3	.1									2.3	2.4
SE	1.8	.4	.1									2.3	2.8
SSE	2.3	.4	.1									2.9	2.8
S	3.9	1.4	.2									5.6	2.9
SSW	2.2	2.8	1.3	.1								6.4	4.6
SW	2.7	3.2	1.4									7.3	4.5
WSW	1.7	3.2	.7	.1								5.7	4.6
W	1.3	1.6	.2									3.1	3.9
WNW	1.2	.6	.1									1.9	2.8
NW	.1	.2	.2									.6	5.6
NNW	1.0	.6	.1									1.7	3.3
VARBL													
CALM												41.3	
	27.8	23.8	6.6	.6								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS

900

JOINT CLIMATOLOGY BRANCH
JCELTAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1713 STATION SEYMOUR-JOHNSON AFB NC 66-7, 77-79 YEARS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.7	.7	.1								6.3	4.5
NNE	1.1	2.7	1.3	.7								5.5	6.1
NE	1.2	2.2	1.1									4.0	4.9
ENE	1.1	2.7	1.2									4.3	4.9
E	.9	2.7	1.8									2.5	5.4
ESE	1.8	.9										2.7	3.7
SE	1.4	.9										2.3	3.1
SSE	1.4	1.4	.1									3.0	3.7
S	1.7	2.4	1.1	.1								5.3	4.7
SSW	2.6	3.7	1.6									8.0	4.5
SW	1.4	3.9	2.1	.1								7.6	5.5
WSW	2.0	3.1	3.2	.1								8.4	5.6
W	1.8	3.1	2.1	.3								7.3	5.6
WNW	.3	1.2	.7	.1								2.3	5.3
NW	.9	.9	.6	.1								2.4	4.8
NNW	.9	1.9	.4									2.2	4.3
VARBL													
CALM												71.3	
	23.3	35.7	18.0	1.7								172.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1713
STATION

SEYMGUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUN
MONTH

ALL WEATHER
CLASS

9 0-100
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.3	2.6	.1								6.6	5.6
NNE	1.1	2.9	2.7	.6								7.2	6.7
NE	.8	2.1	2.3									5.2	6.1
ENE	.8	2.3	2.7	.2								6.0	6.6
E	1.1	3.0	2.7	.4								6.6	6.6
ESE	1.0	1.3	.4									2.8	4.7
SE	1.1	1.8	.4									3.3	4.3
SSE	.9	.9	.8									2.6	4.8
S	1.6	1.4	2.8	.2								6.0	6.0
SSW	1.3	2.4	3.4	.4								7.7	6.5
SW	1.0	2.8	3.6	.7								8.9	6.8
WSW	1.0	2.7	5.2	1.3								10.2	7.5
W	2.8	3.8	3.8	.7								11.0	5.9
WNW	1.1	2.1	1.8	.1								5.1	5.7
NW		1.0	1.1	.1								2.2	7.3
NNW	1.4	1.0	1.0	.2								3.7	5.5
VARBL													
CALM												5.9	
	18.6	33.9	36.6	5.1								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 62-70, 73-79 MONTH JUN
CLASS ALL WEATHER MONTH 120-140
CONDITION NOBS (L & T)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.3	2.8	.3								5.9	5.4
NNE	1.1	2.7	2.7	.4								6.9	6.3
NE	.4	.9	1.4	.4								3.2	7.1
ENE	1.1	2.6	2.3	.7	.1							6.8	6.7
E	1.2	2.1	1.2	.9								5.5	5.2
ESE	1.1	1.4	.8	.2								3.6	5.4
SE	1.1	1.4	1.3									3.0	5.3
SSE	.6	2.7	1.3									4.6	5.7
S	1.9	3.1	2.1	.7								7.8	6.0
SSW	.8	2.2	3.7	.2								6.9	6.8
SW	.9	2.1	3.2	1.1	.1							7.5	7.4
WSW	1.1	3.9	3.9	2.7								15.6	8.2
W	1.6	3.1	3.7	.9	.1							9.3	5.9
WNW	1.3	1.9	2.3	.8								6.3	6.6
NW	.6	1.7	.7									2.9	5.2
NNW	.7	2.1	1.1	.2								4.1	5.6
VARBL													
CALM												4.3	
	16.9	34.3	34.6	9.6	.3							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1713
STATION

SEYMCUR-JOHNSON AFB NC
STATION NAME

66-71-73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.3	2.3	.2								5.3	6.2
NNE	1.0	2.0	1.8	.2								5.2	6.0
NE	1.2	1.5	1.4	.2								4.4	5.6
ENE	1.7	2.9	1.9	.6								7.0	5.9
E	1.9	3.3	1.7	.6								7.4	5.5
ESE	.8	1.6	1.7	.3								3.7	5.9
SE	.9	1.2	.7	.3								3.3	6.1
SSE	1.0	3.8	1.1	.9								6.8	6.0
S	1.7	4.7	3.4	1.2								11.0	6.4
SSW	1.4	2.9	3.9	.4								8.7	6.6
SW	.4	.9	3.0	1.4	.1							5.9	8.5
WSW	.4	1.4	3.7	1.4								7.0	8.4
W	1.3	2.8	3.4	.6								8.1	6.6
WNW	1.0	2.6	2.7	.4								6.7	6.7
NW	.6	.8	.9	.2								2.4	6.6
NNW	.7	1.4	.6	.6	.1							3.3	6.5
VARBL													
CALM												3.4	
	16.9	36.1	33.7	9.7	.2							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1713 SEYMOUR-JOHNSON AFB NC 69-73, 73-79 JUN
STATION MONTH
ALL WEATHER
CLAMP
800-0100
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.7	.8	.2								3.8	5.4
NNE	.9	1.4	.6	.1								3.0	4.8
NE	.7	1.8	1.8	.1								4.3	6.1
ENE	.9	2.6	.6	.1								4.1	5.1
E	2.7	3.0	1.2	.2	.1							7.2	4.8
ESE	1.6	2.1	.7	.2								4.6	4.7
SE	1.9	2.6	1.6	.3								6.3	5.2
SSE	4.2	4.4	1.9	.1								15.7	4.5
S	3.2	5.4	4.7	.6								13.9	5.6
SSW	1.8	3.4	2.8	.3								8.3	5.7
SW	1.3	1.9	1.1	.1								4.4	5.1
WSW	1.0	2.0	1.2	.2								4.4	5.7
W	1.3	1.0	.4									2.8	4.2
WNW	.7	1.9	1.1	.1								3.8	5.5
NW	.2	1.3	.3									1.9	4.9
NNW	.6	.9	.4	.3								2.2	6.4
VARBL													
CALM												14.2	
	24.0	37.4	21.1	3.1	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 906

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-7, 13-79
YEARS

004
MONTH

ALL WEATHER
CLASS

100-2500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.2	.6									3.1	4.4
NNE	.7	1.2	.9	.1								2.9	5.4
NE	.7	1.0	.4	.1								2.2	4.9
ENE	1.1	1.4	.2									2.8	4.7
E	3.7	1.4	.3									5.4	3.2
ESE	2.0	.7	.1									3.3	2.9
SE	4.0	1.3	.1									5.4	2.6
SSE	2.9	3.9	.4									7.2	3.9
S	7.1	8.1	2.7									17.2	4.0
SSW	2.9	3.8	3.1	.1								9.9	5.2
SW	1.6	1.8	1.7									5.0	5.1
WSW	1.3	.2	.4									2.0	4.1
W	.2	.8	.4									1.4	5.4
WNW	.1	.3	.3									.8	6.3
NW		.2	.2	.1								.6	7.8
NNW	.3		.1									.4	3.2
VARBL													
CALM												30.2	
	30.4	27.4	11.4	.4								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 65-72, 73-79 MONTH JUN

CLASS ALL WEATHER MONTH ALL

CONDITION _____

HOURES (L.S.T.) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.7	1.3	.1								4.0	5.2
NNE	1.0	2.1	1.4	.3								4.9	5.3
NE	.9	1.5	1.1	.2								3.7	5.4
ENE	1.2	2.0	1.2	.2	.3		.0					4.7	5.5
E	1.9	2.4	1.1	.2	.7							5.7	4.9
ESE	1.6	1.2	.4	.1								3.3	4.1
SE	1.7	1.3	.6	.1								3.7	4.3
SSE	2.0	2.4	.7	.1								5.2	4.5
S	3.4	3.7	2.1	.3								9.6	4.9
SSW	2.0	3.2	2.7	.2								8.1	5.5
SW	1.4	2.4	2.2	.5	.3							6.5	6.1
WSW	1.2	2.3	2.3	.8								6.6	6.6
W	1.4	2.1	1.8	.3	.7							5.6	5.9
WNW	.7	1.4	1.1	.2								3.5	5.9
NW	.3	.8	.5	.1								1.7	5.8
NNW	.8	1.0	.5	.2	.7							2.4	5.4
VARBL													
CALM												19.9	
	23.2	31.7	21.2	3.8	.1		.0					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713
STATION

SEYHOUR-JOHNSON AFB NC
STATION NAME

62-70, 73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

3000-0000
HOURS (LST)

CONDITION

SPEED (KMTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.1	.2									2.2	3.6
NNE	.8	.4										1.2	3.2
NE	.6	1.2										1.8	4.2
ENE	.4	.6	.2									1.3	4.9
E	2.2	1.9	.5									4.6	3.8
ESE	1.1	.1	.2									1.4	3.2
SE	1.9	.6	.1									2.7	3.1
SSE	2.4	.8										3.1	2.7
S	4.8	2.7	.4	.1								3.1	3.4
SSW	5.2	5.7	.8									11.6	3.7
SW	3.2	5.6	1.9	.1								10.9	4.6
WSW	2.7	3.3	.2									6.2	3.8
W	1.9	1.6	.3									3.9	3.6
WNW	1.3	.6	.1									2.0	3.1
NW		.1	.1									.2	6.0
NNW	.6	.3										1.0	2.9
VARBL													
CALM												37.8	
	50.0	25.8	5.2	.2								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17713 SEYMOUR-JOHNSON AFB NC 68-79, 73-79 JUL
STATION NAME YEARS NORTH
ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.3	.1									3.4	3.2
NNE	.8	1.3	.3									2.4	4.3
NE	.9	1.0										1.8	3.5
ENE	1.0	.9	.1									1.7	3.8
E	2.5	.9	.2									3.5	3.3
ESE	1.1	.4	.1									1.6	3.7
SE	.8	.5										1.3	2.0
SSE	1.2	.4										2.4	2.5
S	3.7	2.4	.1									6.1	3.3
SSW	4.3	1.8	.2									6.3	3.1
SW	2.8	5.1	1.0									8.8	4.2
WSW	2.7	4.6	1.1	.1								8.5	4.6
W	2.8	2.7	.5									6.0	3.8
WNW	1.8	.8	.1									2.7	3.2
NW	.5	.3										.9	2.9
NNW	.9	.2	.1									1.2	3.3
VARBL													
CALM												41.1	
	30.3	24.5	4.0	.1								173.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

5382

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1600-1800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.0	.5	.1								4.8	4.2
NNE	1.4	2.9	1.1									5.4	4.8
NE	1.0	1.7	.9	.1								3.7	5.1
ENE	.9	1.7	.6									3.2	4.6
E	1.5	1.3	.2									3.0	3.7
ESE	1.4	.4										1.8	2.6
SE	1.4	.6										2.0	3.1
SSE	1.9	.8	.2									2.9	3.2
S	3.4	2.3	.1									5.8	3.1
SSW	2.6	3.4	.5									6.6	3.9
SW	2.3	5.6	1.1									8.9	4.6
WSW	3.0	5.6	4.3	.2								13.1	5.5
W	2.0	3.5	2.3									7.8	5.2
WNW	1.0	1.2	.2									2.4	4.0
NW	1.0	.5										1.5	2.9
NNW	1.0	.3	.4									1.7	3.9
VARBL													
CALM												25.3	
	27.8	34.0	12.5	.4								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17-13
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

69-70, 73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

19 0-110
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.9	1.4									6.2	4.6
NNE	1.9	1.9	1.4	.1								5.4	5.7
NE	1.6	1.3	1.9	.1								4.9	5.6
ENE	1.0	1.0	2.2	.4								4.5	6.8
E	1.5	2.8	2.0	.1								6.5	5.4
ESE	1.3	1.1	.1									2.5	3.7
SE	.4	.8	.1									1.3	4.5
SSE	.6	1.5	.5									2.7	4.6
S	1.4	2.2	1.0									4.5	4.7
SSW	1.9	4.7	1.9	.2								8.8	5.3
SW	1.7	4.5	2.3	.3								9.8	5.6
WSW	1.2	5.3	6.1	.9								13.4	6.8
W	3.5	5.4	3.2	.5								12.7	5.4
WNW	1.4	1.3	1.3									4.0	5.0
NW	.9	.6	.5									2.0	4.5
NNW	1.7	1.4	.5									3.7	4.1
VARBL													
CALM												6.3	
	24.8	39.6	26.6	2.7								107.0	5.1

TOTAL NUMBER OF OBSERVATIONS 939

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
1200-1400
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.7	1.5	.2								5.6	5.7
NNE	1.7	2.8	2.3	.3								7.1	5.6
NE	.5	2.3	.6									3.4	5.2
ENE	1.5	1.8	1.7	.2								5.2	5.5
E	2.3	2.3	1.1	.3								5.9	4.9
ESE	1.1	1.0	.6	.1								2.8	4.8
SE	.4	1.4	.3									2.2	4.8
SSE	1.0	1.8	.2	.1								3.1	4.6
S	1.4	3.5	2.4	.1	.1							7.5	5.7
SSW	1.8	3.5	3.5	.2								9.1	5.8
SW	1.4	3.8	3.5	.8								9.5	6.4
WSW	1.2	4.0	4.7	1.2								11.1	7.1
W	1.0	4.6	4.7	.6								11.3	6.8
WNW	.8	3.1	1.5	.2								5.6	5.7
NW	.8	.8	1.0									2.5	5.3
NNW	1.3	1.9	.6									3.9	4.6
VARBL													
CALM												4.5	
	19.2	41.3	30.4	4.4	.1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.9	1.0	.1								6.2	4.9
NNE	1.2	2.5	2.2	.1								5.9	6.0
NE	.8	1.9	1.4	.3								4.4	5.8
ENE	1.0	3.1	1.7	.1								5.9	5.7
E	1.7	2.5	1.3	.1								5.6	5.1
ESE	.9	1.3	1.1	.2								3.4	5.9
SE	1.0	1.6	.5	.3								3.4	5.4
SSE	1.5	3.3	1.1	.2								6.1	4.9
S	2.4	4.7	3.4	1.0								11.5	6.3
SSW	2.5	3.0	3.3	.8								9.6	6.0
SW	.5	3.6	4.3	1.0								9.4	7.2
WSW	.6	1.8	3.8	.9	.2							7.3	7.7
W	1.4	3.8	2.5	.4								8.1	6.1
WNW	.6	2.6	1.4	.2	.1							5.3	6.3
NW	.6	.9	.3									1.8	4.9
NNW	.4	1.0	.3									1.7	4.7
VARBL													
CALM												4.5	
	18.4	41.4	29.6	5.7	.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	.5	.1								3.5	4.9
NNE	.9	1.0	.5	.1								2.5	4.7
NE	1.7	1.4	.9									3.9	4.4
ENE	1.5	2.3	1.2									4.9	4.9
E	3.0	2.6	1.9									7.5	4.6
ESE	2.4	1.3	.6									4.3	3.7
SE	1.8	1.6	.2									3.7	3.6
SSE	3.4	3.7	.9									9.0	4.1
S	7.1	6.6	2.2	.2								16.0	4.3
SSW	3.4	3.4	1.9	.1								8.9	4.7
SW	1.5	3.9	1.5	.1								7.0	5.3
WSW	1.4	2.4	.8	.4								4.9	5.2
W	1.2	1.4	.6	.2	.1							3.5	5.5
WNW	.6	1.2	.5									2.4	5.0
NW		.4	.1									.5	5.2
NNW	.3	.4	.5	.1								1.4	5.9
VARBL													
CALM												17.0	
	31.5	35.2	14.8	1.4	.1							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12713 STATION SEYMOUR-JOHNSON AFB NC 69-70, 71-79 YEARS JUL MONTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.6	.2									.0	3.7
NNE	.8	.8	.1	.1								1.7	4.2
NE	.3	1.0	.1									1.4	4.2
ENE	.8	1.4	.3									2.5	4.6
E	1.0	3.3	.5	.1								4.9	4.7
ESE	2.0	1.0	.3									3.3	3.2
SE	1.9	1.1										3.0	3.1
SSE	4.5	1.8	.2									6.6	3.7
S	7.3	8.9	1.0									17.2	3.9
SSW	3.7	6.7	2.5									12.8	4.8
SW	1.8	2.2	.8	.1								4.8	4.4
WSW	2.0	1.3	.2	.1								3.8	3.9
W	1.0	1.1	.2									2.3	3.9
WNW	.5	.4	.2	.1								1.3	4.8
NW	.2	.2										.4	3.5
NNW	.3	.2	.3									.9	5.1
VARBL													
CALM												31.1	
	29.4	31.9	7.1	.5								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
JUL
MONTH
ALL
HOURS (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.2	.7	.1								4.5	4.6
NNE	1.2	1.7	1.0	.1								3.9	5.2
NE	.9	1.5	.7	.1								2.2	5.0
ENE	1.0	1.6	1.0	.1								3.7	5.3
E	1.9	2.2	1.0	.1								5.2	4.6
ESE	1.4	.8	.4	.0								2.6	4.7
SE	1.2	1.0	.2	.0								2.4	3.9
SSE	2.2	1.8	.4	.0								4.4	3.2
S	3.9	4.2	1.3	.2	.0							9.6	4.4
SSW	3.2	4.0	1.8	.2								9.2	4.7
SW	1.9	4.3	2.0	.3								8.5	5.3
WSW	1.9	3.5	2.7	.5	.7							8.5	5.9
W	1.9	3.0	1.8	.2	.0							6.9	5.4
WNW	1.0	1.4	.7	.1	.0							3.2	5.0
NW	.5	.5	.3									1.2	4.8
NNW	.8	.7	.4	.0								1.9	4.4
VARBL													
CALM												21.0	
	26.4	34.3	16.3	1.9	.1							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 STATION SEYMOUR-JOHNSON AFB NC 68-70, 73-79 YEARS AUG NORTH
ALL WEATHER
CLIM
CONDITION
1000-1200
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	.6									2.2	4.0
NNE	.6	1.6	.9	.1								3.2	5.8
NE	.9	1.4	.2									2.5	4.4
ENE	1.0	1.2	.5									2.7	4.8
E	2.5	.8	.2									3.4	2.9
ESE	1.3	.2										1.5	2.4
SE	1.0	.4										1.4	2.5
SSE	2.0	.3										2.4	2.3
S	5.1	1.5	.1									6.7	2.8
SSW	3.2	2.4	1.1	.1								6.8	4.0
SW	3.8	4.0	1.5									9.2	4.2
WSW	2.7	1.4	.2	.1								4.4	3.6
W	1.7	.6	.2	.1								2.7	3.8
WNW	.8	.3										1.1	2.7
NW	.6	.2										.7	2.6
NNW	.5	.2										.8	3.3
VARBL													
CALM												47.2	
	28.9	17.8	5.6	.4								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

AUS
MONTH

ALL WEATHER
CLASS

1300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	1.5	.3									4.1	3.5
NNE	1.3	2.2	1.1									4.5	5.2
NE	.9	1.4	1.0									3.2	4.9
ENE	.6	.3	.3									1.3	4.4
E	1.0	.5	.1									2.6	2.9
ESE	1.2	.3	.1									1.6	2.7
SE	.5	.1										.6	2.2
SSE	1.7											1.7	1.9
S	2.8	.4	.2									3.4	2.8
SSW	3.5	2.6	.5									6.7	3.7
SW	3.0	1.6	.9									5.5	3.8
WSW	3.1	3.2	.5									6.9	3.7
W	2.9	1.7										4.6	3.0
WNW	.6	.5										1.2	3.1
NW	.9											.9	2.1
NNW	.5	.3										.9	3.3
VARBL													
CALM												50.3	
	27.8	16.8	5.1									100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 STATION SEYMOUR-JOHNSON AFB NC 68-70, 73-79 YEARS AUG MONTH
STATION NAME CLAS 0633-7810
CONDITION HOURS (L & T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	2.0	1.2	.1								5.5	4.2
NNE	2.2	2.8	1.7	.2								6.9	5.2
NE	.9	2.0	1.7									4.6	5.7
ENE	.8	1.5	.4									2.7	4.6
E	3.0	1.0	.1									.1	3.1
ESE	1.4	.6	.2									2.3	3.3
SE	1.6	.8										2.4	2.5
SSE	1.8	.4										2.3	2.6
S	2.3	1.3		.1								3.7	3.3
SSW	2.3	1.8	.6	.2								4.9	4.3
SW	1.9	3.3	1.3	.2								6.8	4.8
WSW	2.9	3.8	2.3									5.9	4.8
W	3.4	3.1	.9									7.4	4.1
WNW	1.1	.6		.1								1.8	3.4
NW	.9	.3										1.2	2.4
NNW	1.2	.4	.1									1.5	3.3
VARBL													
CALM												33.1	
	29.5	25.9	10.5	1.0								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17713 STATION SEYMOUR-JOHNSON AFB NC 68-73, 73-79 YEARS 400 MONTH 7070-1100 HOURS (L & T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.9	1.6									6.3	3.0
NNE	.6	1.9	3.2	.3								6.1	7.3
NE	1.1	1.5	2.9	.5								5.5	6.9
ENE	1.9	3.7	2.7	.5								5.7	5.8
E	2.3	2.3	1.2	.3								6.0	5.3
ESE	.8	1.3	.5									2.6	4.6
SE	.8	.9	.2									1.8	4.2
SSE	1.6	1.2	.4									3.2	4.0
S	1.6	2.3	.1	.1								4.1	4.1
SSW	1.7	2.9	1.2	.1								5.9	4.8
SW	1.4	2.8	2.2	1.0								7.3	6.3
WSW	2.0	4.3	5.1	1.0								12.4	6.5
W	2.4	4.2	2.7	.4								9.7	5.4
WNW	1.5	1.9	.5									4.0	4.4
NW	.4	.5	.5	.2								1.7	6.3
NNW	1.1	1.3	.2									2.9	3.8
VARBL													
CALM												11.5	
	22.9	35.8	25.3	4.5								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13713 STATION SEYMOUR-JOHNSON AFB NC 68-70, 73-79 YEARS AUS NORTH
STATION STATION NAME YEARS
ALL WEATHER CLAS 100-1400
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	3.1	1.5									6.3	5.1
NNE	1.3	2.4	2.7	.1								6.5	6.0
NE	.6	1.2	2.6	.9								5.3	7.8
ENE	1.5	1.5	2.4	.4								5.8	6.1
E	1.0	3.0	2.5	.5								7.0	6.5
ESE	.6	1.9	.8	.1								3.4	5.2
SE	.8	1.8	.5	.2								3.3	5.1
SSE	1.7	2.3	.4									4.4	4.1
S	1.8	4.8	1.3	.3								5.3	5.2
SSW	1.7	2.8	2.5	.3								7.3	6.0
SW	1.0	2.4	2.8	1.1								7.2	7.1
WSW	1.7	3.2	3.7	1.2								9.8	6.7
W	1.8	3.1	3.4	.6								9.0	6.4
WNW	1.8	1.4	1.5	.1								4.8	5.2
NW	.2	1.1	.3	.2								1.8	5.9
NNW	.6	1.8	.6	.2								3.3	5.0
VARBL													
CALM												6.3	
	20.0	37.8	29.5	6.3								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17713 STATION SEYMOUR-JOHNSON AFB NC 68-78, 73-79 YEARS AUG NORTH
ALL WEATHER CLASS 1968-1978 MONTHS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.8	1.5	.3								4.9	5.7
NNE	1.1	3.0	2.3	.2								6.6	6.0
NE	.5	1.2	1.9	1.0								4.6	7.7
ENE	1.2	1.3	1.2	.4								4.1	6.2
E	1.5	2.4	3.0	.6								7.5	6.4
ESE	1.1	2.2	2.4									5.6	5.7
SE	1.3	2.0	1.3									4.6	5.1
SSE	1.2	3.1	1.0	.2								5.5	5.2
S	3.3	5.7	3.2	.8								13.0	5.6
SSW	1.7	2.6	3.0	.4								7.7	6.0
SW	.8	2.8	2.9	.8								7.2	7.0
WSW	.9	1.7	2.4	1.1								6.0	7.4
W	.9	2.8	3.0	.9								7.5	6.6
WNW	.8	1.8	1.0		.1							3.7	5.6
NW	.5	1.3	.8									2.6	5.4
NNW	.9	1.6	.6	.1								3.2	5.2
VARBL													
CALM												5.6	
	18.8	37.3	31.4	6.8	.1							103.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 13713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 68-70, 73-79 MONTH ALL
CLASS ALL WEATHER
CONDITION
HOURS (L & T) 1800-2400

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.5	.5	.2	.1							4.1	4.9
NNE	1.1	.9	1.0									2.9	5.1
NE	.9	2.3	1.0	.3								4.4	5.7
ENE	.3	2.0	1.3	.1								3.8	6.2
E	1.8	2.9	.4	.1								3.3	4.2
ESE	3.0	1.5	.4	.1								3.1	3.8
SE	3.2	2.3	.3									5.8	3.4
SSE	5.9	3.6	.5									10.0	3.3
S	6.6	5.2	1.8									13.6	3.9
SSW	2.7	3.0	1.9									7.7	4.7
SW	1.8	1.3	1.2	.2								4.5	5.0
WSW	.8	.5	.5									1.3	4.6
W	1.1	1.5	.3	.1	.1							3.1	5.0
WNW	.4	1.7										1.4	4.0
NW	.6	.2		.1		.1						1.1	6.0
NNW	.6	.6	.1	.1								1.5	4.0
VARBL													
CALM												23.9	
	32.7	30.3	11.4	1.4	.2	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

AL
MONTH

ALL WEATHER
CLASS

11-2-2500
MOVES (1 & T)

CONDITION

SPEED (KTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.2	.3	.1								2.4	4.5
NNE	1.0	1.2	.6									2.8	4.8
NE	.2	1.7	.4	.1								1.5	5.7
ENE	.5	1.2	.9	.1								2.7	5.9
E	2.7	2.3	.2									5.2	3.5
ESE	2.0	1.1	.1									3.2	3.0
SE	3.3	1.0		.1								4.5	2.7
SSE	4.7	1.8										6.6	3.0
S	7.0	4.6	.8									12.4	3.4
SSW	2.9	3.8	2.6									9.3	5.0
SW	1.3	1.8	.6									3.8	4.6
WSW	1.8	.9	.4									3.1	3.5
W	.8	.6	.3									1.7	4.0
WNW	.5	.1		.1								.8	4.1
NW	.6	.3	.1									1.2	3.6
NNW	.2	.3										.5	4.2
VARBL													
CALM												38.0	
	30.5	23.4	7.6	.5								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79
STATION MONTH YEARS
ALL WEATHER
CLASS
CONDITION
ALL
MOON (L & T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.9	1.7	.1	.1							4.7	4.7
NNE	1.1	2.0	1.7	.1								4.9	5.7
NE	.7	1.5	1.5	.3								4.1	6.4
ENE	1.0	1.6	1.2	.2								4.3	5.7
E	2.0	1.9	1.0	.2								5.0	4.8
ESE	1.4	1.1	.6	.0								3.2	4.7
SE	1.6	1.2	.3	.0								3.1	3.7
SSE	2.6	1.6	.3	.0								4.5	3.5
S	3.6	3.2	.9	.2								8.1	4.1
SSW	2.5	2.7	1.7	.1								7.0	4.9
SW	1.9	2.5	1.7	.4								6.4	5.4
WSW	2.0	2.4	1.9	.4								6.7	5.5
W	1.9	2.2	1.4	.3	.1							5.7	5.2
WNW	.9	1.0	.4	.0	.0							2.3	4.5
NW	.6	.5	.2	.1								1.4	4.7
NNW	.7	.8	.2	.1								1.8	4.4
VARBL													
CALM												27.0	
	26.4	28.2	15.8	2.6	.0	.0						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17713
STATION

EYMGUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-1200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.4	.9	.1								7.1	4.3
NNE	1.3	3.8	1.2	.2								6.6	5.2
NE	1.3	1.4	1.0									3.8	5.2
ENE	1.8	1.8	.4									4.6	3.9
E	1.4	1.4	.4									3.3	4.2
ESE	1.2	.6										1.8	2.9
SE	2.6	.3	.2									3.1	2.8
SSE	1.1	.2		.1								1.4	3.2
S	1.3	.9	.2									2.4	3.5
SSW	1.9	1.7	.3									3.9	3.4
SW	1.8	1.2	.2									3.2	3.4
WSW	1.6	.9	.1									2.6	3.2
W	.9	.8	.1									1.8	3.6
WNW	.4	.4	.3									1.2	4.5
NW	1.1	.4	.1									1.7	3.6
NNW	.6	.3	.3									1.2	4.5
VARBL													
CALM												50.9	
	23.0	19.7	6.0	.4								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 67-72, 73-78 MONTH SEP
CLASS ALL WEATHER HOURS (LST) 1300-2500
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	4.0	1.1	.6								7.4	4.6
NNE	2.3	3.3	2.7	.4								3.8	5.5
NE	1.6	1.1	.4									3.1	4.0
ENE	.9	2.2	.6	.2								3.9	4.9
E	2.0	.9	.1	.2								3.2	3.4
ESE	.8	.6	.2									1.6	3.6
SE	.8	.1										.9	2.3
SSE	1.0	.1	.1									1.2	2.5
S	1.0	1.0	.3									2.3	4.1
SSW	1.3	.2										1.6	2.1
SW	1.1	1.3	.3									2.6	4.2
WSW	1.4	1.3	.2									3.0	3.8
W	1.3	1.7										3.0	3.6
WNW	.8	.7										1.4	3.6
NW	.7	.4										1.1	3.2
NNW	.8	1.1	.4	.1								2.4	4.7
VARBL													
CALM												50.2	
	21.6	20.1	6.6	1.6								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 900

5401

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 SEYMOUR-JOHNSON AFB NC 67-70, 73-78 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
-600-7000
HOURS (L & T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.9	4.2	1.9	.3								11.3	4.5
NNE	2.4	4.4	3.6	.7								11.1	5.9
NE	1.7	4.0	1.8									7.4	5.1
NNE	1.3	2.2	.6									4.1	4.5
E	1.4	.9	.1	.2								2.7	3.8
ESE	.7	.6	.4	.1								1.8	5.1
SE	.7	.4	.1									1.2	3.6
SSE	.8	.6										1.3	3.3
S	1.0	.8	.1									1.9	3.8
SSW	1.1	.7	.2									2.0	4.0
SW	.6	.7	.8									2.0	5.3
WSW	2.0	1.4	.7	.1								4.2	4.3
W	2.1	1.1	.9									4.1	4.2
WNW	.7	.8										1.4	3.8
NW	.4	.6	.1									1.1	4.0
NNW	1.7	1.1	.3									3.1	3.8
VARBL													
CALM												39.1	
	23.4	24.4	11.6	1.4								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

000-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.3	2.2	.6								8.7	5.9
NNE	1.1	4.4	5.0	1.7								12.2	7.1
NE	1.4	4.0	5.1	.7								11.2	6.7
ENE	1.3	3.6	4.1	.4								9.4	6.4
E	1.8	3.7	3.0	.3								8.8	5.8
ESE	1.3	1.1	.7	.1								2.9	4.8
SE	.4	1.6	1.1									3.1	5.6
SSE	1.6	1.2	.3									3.1	4.7
S	1.7	1.7	.4	.2								4.3	4.5
SSW	1.3	1.2	.3	.1								3.0	4.3
SW	.9	1.6	1.6	.4								4.4	6.2
WSW	1.2	2.2	1.4	.3								5.2	5.7
W	2.3	2.8	1.6	.1								6.8	4.8
WNW	1.3	1.3	.6									2.2	4.4
NW	.7	.4	.6	.1								1.8	5.1
NNW	1.1	1.2	1.8									4.1	5.6
VARBL													
CALM												8.7	
	21.1	35.3	29.8	5.1								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AJP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1713 STATION SEYMOUR-JOHNSON AFB NC 67-70, 73-78 YEAR SEP MONTH
STATION NAME CLASS 1200-1400 HOURS (LST)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	4.1	3.7									0.8	5.8
NNE	1.3	4.1	4.3	1.1								10.9	6.8
NE	1.7	2.3	3.7	.8								7.8	5.9
ENE	1.2	3.4	3.7	.3								6.0	6.0
E	1.4	4.2	3.2									6.9	6.0
ESE	.7	2.1	.4	.1								3.3	5.2
SE	.8	2.1	.9									3.8	5.2
SSE	1.4	2.6	1.1									5.1	5.2
S	2.2	1.6	1.8	.1								5.7	5.1
SSW	1.6	2.1	1.3	.3								5.3	5.6
SW	.6	.8	1.7	.6								3.6	7.0
WSW	1.7	2.3	2.2	.9								7.1	6.4
W	1.1	2.9	1.7	.3								6.0	5.8
WNW	1.2	2.2	.6									4.0	4.6
NW	1.0	.8	1.2									3.0	5.7
NNW	1.2	1.6	1.6	.1								4.4	5.5
VARBL													
CALM												3.3	
	21.1	39.2	31.7	4.7								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-73, 73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	4.1	2.8	.4	.1							9.2	5.8
NNE	1.9	4.0	4.6	.6								11.0	6.2
NE	1.3	2.9	3.2	.1								7.6	6.2
ENE	1.2	3.6	2.8	.6								8.1	6.1
E	.8	3.7	2.3	.2								7.0	5.7
ESE	1.0	2.1	.7	.1								3.9	5.1
SE	1.7	1.8	1.2									4.7	4.8
SSE	2.9	3.0	1.1									7.0	4.3
S	2.4	3.8	2.0	.1								8.3	5.1
SSW	1.0	2.4	1.4	.4								5.3	6.1
SW	.9	1.0	1.3	.2								3.4	6.1
WSW	.6	1.7	2.1	.4								4.8	6.9
W	1.8	2.0	1.4	.1								5.3	5.3
WNW	.6	1.8	.9									3.2	5.4
NW	.1	1.0	.4									1.6	5.6
NNW	1.7	1.7	.9									4.2	4.8
VARBL													
CALM												5.3	
	21.6	40.4	29.2	3.3	.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-73, 73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	2.9	.8	.1								7.6	4.0
NNE	3.0	3.2	1.2	.1								7.6	4.5
NE	1.4	1.8	1.1	.3								4.7	3.6
ENE	1.3	2.8	1.9	.1								5.1	3.5
E	3.0	3.0	.7	.1								6.8	3.8
ESE	2.0	2.0	.1									4.1	3.5
SE	1.6	1.9	.3									3.8	3.8
SSE	3.1	3.2	.4									6.8	3.8
S	5.8	4.3	.7									10.8	3.5
SSW	1.6	1.2	1.1									3.9	4.8
SW	.4	.7										1.1	3.6
WSW	.9	.2	.2									1.3	3.7
W	.6	.3	.4									1.3	4.0
WNW	.2	.2										.4	3.0
NW	.2	.2	.3									.8	3.3
NNW	.4	.8	.1	.1								1.4	4.9
VARBL													
CALM												31.6	
	29.3	26.8	9.4	.9								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 SEYMOUR-JOHNSON AFB NC 67-76.73-78 SEP NORTH
STATION STATION NAME YEARS
ALL WEATHER CLASS 2100-2300
HOURS (LST.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.8	.6	.1								3.2	4.9
NNE	1.3	2.2	1.9	.2								5.7	4.5
NE	1.6	2.0	.7									4.2	4.4
ENE	2.6	2.9	.9									6.3	4.3
E	3.4	2.6	.4									6.4	3.7
ESE	2.1	1.0	.2	.1								3.4	3.5
SE	2.6		.1									1.7	2.2
SSE	2.4	.9	.1									3.4	3.2
S	4.8	3.4										8.2	3.2
SSW	2.1	2.1	.3									4.6	4.2
SW	1.1	.8	.1									2.0	3.5
WSW	.8	.2										1.0	2.7
W	.4	1.0	.2									1.7	4.9
WNW	.2	.2										.4	3.8
NW	.1	.4	.4									1.0	5.8
NNW	.4	.3	.1	.1								1.0	5.4
VARBL													
CALM												44.1	
	27.3	21.9	6.1	.6								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12-13
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	3.5	1.7	.3								3.7	5.0
NNE	1.8	3.7	3.1	.6								7.2	6.0
NE	1.5	2.4	2.0	.2								5.2	5.8
ENE	1.5	2.8	1.8	.2								3.2	5.4
E	1.9	2.5	1.3	.1								5.9	4.9
ESE	1.2	1.2	.3	.1								2.8	4.3
SE	1.4	1.0	.5									2.9	4.1
SSE	1.8	1.5	.4	.0								3.7	4.2
S	2.5	2.2	.7	.1								5.5	4.1
SSW	1.5	1.5	.6	.1								3.7	4.6
SW	.9	1.0	.7	.2								2.8	5.2
WSW	1.3	1.3	.9	.2								3.7	5.3
W	1.3	1.6	.8	.1								3.7	4.8
WNW	.7	1.0	.3									1.9	4.5
NW	.5	.5	.4	.0								1.5	4.9
NNW	1.0	1.0	.7	.1								2.7	4.9
VARBL													
CALM												29.2	
	23.6	28.7	16.3	2.2	.0							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

JCT
MONTH

ALL WEATHER
CLASS

0000-0000
HOURS (LST)

CONDITION

SPEED (KNTS) DIP	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	4.1	2.3	.4	.1							9.9	5.4
NNE	1.8	3.2	1.7	.5								7.3	5.5
NE	1.3	1.2	.9	.3								5.7	5.4
ENE	1.5	1.3	.6									3.4	4.2
E	2.4	2.3	.5									5.2	3.9
ESE	1.8	.5										2.4	2.3
SE	.4	.2	.1									.8	3.6
SSE	.6	.4										1.1	3.5
S	.9	.9	.6	.1								2.4	5.2
SSW	.9	1.1	.2									2.2	4.1
SW	.9	1.4	1.2	.3								3.8	5.9
WSW	.4	1.9	.3	.1								2.8	5.1
W	.8	1.1	.2									2.0	3.9
WNW	1.0	1.0	.4									2.4	4.1
NW	1.1	.9	.3									2.3	4.5
NNW	.5	1.3	.2	.1								2.2	5.0
VARBL													
CALM												46.5	
	19.1	22.7	9.7	1.9	.1							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 939

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

001
MONTH

ALL WEATHER
CLASS

0001-0500
HOURS (L & T.)

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	5.2	1.9	.6								12.4	4.2
NNE	3.1	2.9	2.7	.6	.1							9.5	5.6
NE	1.7	1.1	.8	.1								3.7	4.4
ENE	.9	1.0	.3									2.2	4.4
E	2.2	1.5	.3									4.0	3.6
ESE	.8	.6	.3	.1								1.8	4.9
SE	.5	.4	.1									1.1	3.5
SSE	.1	.5		.2								.9	6.9
S	.6	.8	.2	.1								1.7	4.9
SSW	.5	1.1	.3									1.9	4.5
SW	.9	.5	.6	.1								2.2	5.0
WSW	1.8	2.5	.4	.1								4.8	4.4
W	1.6	1.3	.2									3.1	3.8
WNW	.9	.5	.1									1.5	3.1
NW	1.5	.3	.1									1.9	2.9
NNW	2.0	1.0	.5	.2								3.9	4.3
VARBL													
CALM												43.7	
	23.8	21.2	9.0	2.3	.1							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 13713 SEYMOUR-JOHNSON AFB NC STATION NAME 67-73, 73-79 YEARS OCT MONTH 1967-1968 HOURS (LST) ALL WEATHER CLASS CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.4	5.7	4.2	1.0								15.3	5.5
NNE	2.4	4.2	3.5	.6								13.8	6.1
NE	1.4	2.5	1.6									5.5	5.3
ENE	1.4	1.7	.3									3.4	4.1
E	1.6	1.5	.4									3.5	4.0
ESE	.9	.4										1.3	2.9
SE	.6	.4	.1	.1								1.3	4.2
SSE	.8	.2										1.0	3.0
S	.6	.3	.2									1.2	3.7
SSW	.3	.9	.2									1.3	4.9
SW	1.1	.9	1.2	.1								3.2	5.6
WSW	1.4	2.6	.4	.3	.1	.1						4.9	5.4
W	1.9	1.5	.9									4.3	4.2
WNW	1.5	.9	.2									2.6	3.7
NW	.8	.5										1.3	3.3
NNW	2.2	1.3	1.1	.1								4.6	4.7
VARBL													
CALM												34.5	
	23.2	25.4	14.4	2.3	.1	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17713 STATION SEYMOUR-JOHNSON AFB NC 67-73, 73-76 OCT
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1967-1973
NOVRS (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	5.1	4.3	2.8								14.5	7.1
NNE	1.4	3.0	5.6	2.2		.1						12.3	7.8
NE	.9	3.3	5.1	.9								10.1	7.1
ENE	1.0	3.1	2.8	.2								7.1	6.1
E	.9	2.2	2.7	.2								5.9	6.3
ESE	.8	.9	1.8									3.4	6.3
SE	.6	.9	.8	.1								2.4	5.6
SSE	.9	.9	.1									1.8	3.6
S	.6	1.0	1.1									2.7	5.4
SSW	.8	.4	1.1	.5								2.8	7.1
SW	.4	.6	1.4	.2								2.7	7.4
WSW	1.4	1.8	2.2	.4	.1							5.9	6.4
W	2.0	2.4	1.7	.2								6.3	5.4
WNW	1.6	1.3	1.1	.2	.1							4.3	5.7
NW	.6	1.2	1.2	.1								3.1	6.1
NNW	.9	1.4	2.7	.4								3.4	7.2
VARBL													
CALM												9.2	
	17.1	29.4	35.5	8.5	.2	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17713 SEYMOUR-JOHNSON AFB NC 67-79, 79-78 OCT
STATION STATION NAME YEARS NORTH
ALL WEATHER CLASS 180-140
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.8	5.2	2.4	.1							13.2	7.7
NNE	1.5	3.3	5.2	1.8								11.8	7.5
NE	.8	3.5	3.0	.8								3.1	5.1
ENE	.9	2.6	2.7									6.1	5.9
E	1.6	1.7	3.2	.1								7.3	6.4
ESE	.9	1.1	1.8	.2								4.0	6.1
SE	.3	1.2	.5	.1								2.2	6.1
SSE	.9	1.7	.4									2.3	4.4
S	1.5	1.5	1.0									4.0	4.7
SSW	.9	1.5	1.2	.3								3.9	5.3
SW	.5	1.2	1.1	1.1	.2							4.1	6.3
WSW	.4	1.5	1.6	1.6	.3							5.5	8.5
W	1.6	3.1	2.5	.6	.1							6.3	6.2
WNW	1.3	1.9	1.7	.8	.1							5.8	6.7
NW	.3	1.3	.9	.4								2.9	7.0
NNW	1.1	2.6	1.8	.4								5.9	5.9
VARBL													
CALM												4.7	
	16.5	32.8	34.5	10.6	.9							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	5.8	4.3	1.0								13.9	6.1
NNE	1.9	4.0	3.3	1.4								17.6	6.7
NE	1.6	3.7	2.3	.4								8.3	5.7
ENE	1.2	3.7	2.3	.2								7.2	5.6
E	2.0	2.3	2.4	.4								7.1	5.8
ESE	1.3	.8	.9									2.9	4.9
SE	1.0	1.1	1.0	.2								3.2	5.9
SSE	1.2	1.3	.6									3.1	4.6
S	1.0	1.3	.4									3.7	4.5
SSW	1.0	2.4	.6	.1								4.1	4.9
SW	1.1	1.8	1.5	.6								5.1	6.5
WSW	.9	1.8	1.7	.5	.3							5.3	7.4
W	.8	2.8	1.7	.9	.1							6.2	6.9
WNW	.5	1.5	1.2	.2								3.4	6.1
NW	.8	1.3	1.5	.8								4.3	7.2
NNW	.8	2.4	1.9	.5								5.6	6.3
VARBL													
CALM												7.3	
	19.7	31.7	27.6	7.2	.4							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13713 STATION SEYMOUR-JOHNSON AFB NC 67-70, 73-78 YEARS 3CT MONTH
ALL WEATHER CLAS 1800-2400 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.5	3.9	1.2	.2	.2							11.0	4.2
NNE	2.0	2.7	1.9	.3								7.0	5.1
NE	1.3	2.6	.9	.3								5.1	5.4
ENE	1.1	3.2	1.4									5.7	5.1
E	3.8	3.2	.4	.1								7.5	3.7
ESE	2.0	.5	.3									2.9	3.1
SE	2.2	1.0	.2									3.3	3.1
SSE	2.2	1.4	.3									3.9	3.5
S	2.2	1.6	.4									4.2	3.5
SSW	1.2	.9	.9									2.9	4.7
SW	.5	.4	.2									1.2	4.1
WSW	.3	.8	.3									1.4	5.1
W	.8	.4	.5	.1								1.8	5.4
WNW	.8	.1	.2	.3								1.4	5.6
NW	.5	.8	.3	.1								1.7	5.1
NNW	1.2	1.6	.4									3.2	4.4
VARBL													
CALM												35.8	
	57.4	25.1	10.0	1.5	.2							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-73, 73-78
YEARS

001
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	2.2	3.2	1.3	.5								7.2	5.4
NNE	1.4	2.9	1.8	.6								6.8	6.1
NE	.5	2.5	.6	.2								3.5	5.5
ENE	1.4	2.4	1.1									4.8	5.0
E	3.9	4.2	1.1	.1								9.2	4.1
ESE	2.9	.9	.2									4.0	2.9
SE	2.2	.4										2.6	2.4
SSE	1.7	.8	.1									2.5	3.0
S	2.3	1.9	.5									4.7	3.9
SSW	.8	1.6	1.0	.2								3.5	5.5
SW	.6	.8	.5									1.9	4.8
WSW	.4	.8		.2								1.4	5.0
W	1.0	.9	.6	.1								2.6	5.2
WNW	.4	.2	.3	.1								1.1	5.8
NW	.5	.5	.2									1.3	3.9
NNW	.8	.9	.3									1.9	4.5
VARBL													
CALM												40.4	
	22.9	24.7	9.8	2.2								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 STATION SEYMOUR-JOHNSON AFB NC 67-70, 73-78 YEARS OCT NORTH
ALL WEATHER
CLAS
CONDITION
ALL
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	4.6	3.1	1.1	.1							12.2	5.9
NNE	1.9	3.3	3.2	1.7	.7	.7						9.5	6.5
NE	1.2	2.5	1.9	.4								6.0	6.0
ENE	1.2	2.4	1.4	.0								5.0	5.3
E	2.3	2.4	1.5	.1								6.2	4.8
ESE	1.4	.7	.7	.0								2.8	4.4
SE	1.0	.7	.3	.1								2.1	4.4
SSE	1.0	.8	.2	.0								2.1	3.9
S	1.2	1.2	.6	.0								2.9	4.4
SSW	.8	1.2	.7	.1								2.8	5.4
SW	.8	1.7	1.7	.3	.7							3.0	6.3
WSW	.9	1.7	.9	.4	.1	.0						4.0	6.2
W	1.3	1.7	1.1	.2	.0							4.3	5.4
WNW	1.0	.9	.7	.2	.0							2.8	5.3
NW	.8	.8	.6	.2								2.4	5.5
NNW	1.2	1.5	1.1	.2								4.1	5.6
VARBL													
CALM												27.8	
	21.2	27.4	18.8	4.6	.3	.0						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 7444

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 7
YEAR

NOV
MONTH

ALL WEATHER
CLAR

000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.7	1.6	.6	.1							6.0	6.3
NNE	1.3	2.3	.8	.3								4.8	5.2
NE	.4	1.0	.6		.1							2.1	5.3
ENE	1.3	1.1	.3	.6								3.3	5.5
E	1.6	1.6	.1	.1								3.3	4.2
ESE	.8	.3	.1									1.2	2.9
SE	.6	.3										.9	2.9
SSE	1.2	.6	.3									2.1	3.8
S	1.9	1.7	.6									4.4	4.4
SSW	2.2	1.6	.9	.6								5.2	5.1
SW	1.1	1.9	.3	.4								3.8	5.3
WSW	2.3	1.3	.6									4.2	3.7
W	1.1	2.4	.4	.1	.3							4.4	5.6
WNW	2.1	2.7	1.2	.3								6.3	5.1
NW	1.9	1.7	1.0	.2								4.8	5.0
NNW	1.6	1.3	1.2	.1								4.2	5.3
VARBL													
CALM												38.8	
	22.6	24.4	10.3	3.3	.6							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-7, 13-78
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1313-1500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.1	1.0	.3	.1							6.1	5.3
NNE	.4	2.2	.4	.2	.1							3.4	5.9
NF	.3	.6	1.2		.2							2.3	7.7
ENE	.8	1.3	1.3									3.4	5.6
E	2.7	.9	.3									3.9	3.1
ESE	.3	.6										.9	3.8
SE	1.2	.2										1.4	2.5
SSE	.7	.4										1.1	3.3
S	.7	.7	.7									2.3	5.2
SSW	1.1	.7	.8	.1								2.7	4.8
SW	1.6	1.1	.3	.9	.1							4.4	6.2
WSW	2.1	1.7	.4									4.1	3.8
W	2.0	2.6	.8	1.3	.1							6.8	6.4
WNW	1.4	3.0	.8	.2								5.4	4.8
NW	1.2	1.7	1.3	.1								4.3	5.2
NNW	1.4	2.7	.9	.2								5.2	5.0
VARBL													
CALM												42.3	
	19.4	23.3	10.8	3.4	.7							172.0	3.0

TOTAL NUMBER OF OBSERVATIONS

960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 SEYMOUR-JOHNSON AFB NC 67-70, 73-78 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.8	1.6	.2								7.4	4.7
NNE	1.0	2.3	1.1	.1								4.6	5.1
N E	.6	1.1	1.0	.1	.1							2.9	5.3
ENE	.9	1.6	.7	.1								3.2	5.2
E	1.6	1.2	.9									3.7	4.6
ESE	.9	.1	.1									1.1	3.1
SE	.9	.6										1.4	3.2
SSE	.6	.1										.7	2.3
S	1.7	.7	.3									2.7	3.3
SSW	1.0	1.3	1.1									3.4	5.0
SW	1.9	1.6	1.3	.2								5.0	5.0
WSW	1.8	2.1	.8	.2								4.9	4.7
W	2.0	2.3	1.8	.7	.3							7.1	6.3
WNW	1.3	1.6	.8	.1								3.4	5.5
NW	1.3	2.3	1.1	.3								5.1	5.3
NNW	1.6	2.3	1.1	.1								5.1	5.1
VARBL													
CALM												38.2	
	21.4	24.0	13.7	2.2	.4							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13713 STATION SEYMOUR-JOHNSON AFB NC 67-70, 73-78 YEARS NOV NORTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.4	5.4	.8								12.0	5.7
NNE	1.4	2.3	2.0	.3								6.1	5.2
NE	.4	2.2	1.4	.2								4.3	6.3
ENE	.7	1.6	1.9	.2								4.3	6.2
E	1.0	2.4	2.3	.6								6.3	6.4
ESE	1.2	1.3	.4									3.0	4.0
SE	1.1	.8	.3									2.2	3.9
SSE	.4	.3	.3									1.1	5.0
S	1.0	1.4	.8									3.2	4.7
SSW	.6	.9	1.8	.3	.2							3.8	7.8
SW	.9	1.1	2.1	1.2	.1							5.4	7.9
WSW	1.7	1.9	2.9	2.0	.1							8.6	7.6
W	1.9	2.4	3.9	.9	.1							9.2	5.8
WNW	1.8	1.4	1.2	2.1	.1							6.7	7.7
NW	.8	1.8	1.9	1.3	.1							5.9	7.9
NNW	1.2	1.9	3.0	.7								6.8	6.9
VARBL													
CALM												11.0	
	17.4	28.3	31.8	10.7	.8							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 67-73-78
CLASS ALL WEATHER
CONDITION
MOY NORTH
1713-1411
HOURS (LST)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	4.1	4.6	1.0								11.1	6.2
NNE	1.3	1.3	2.8	.6								6.2	6.3
NE	1.1	1.2	.8	.1								5.2	5.2
ENE	.2	1.6	1.4	.1								4.3	5.1
E	1.4	2.4	1.8	.6								5.2	5.1
ESE	1.2	1.0	.3									2.6	4.2
SE	.2	1.0	.2	.2								1.7	5.2
SSE	.7	.6	.6									1.2	5.3
S	.9	1.2	1.3	.6								3.6	6.2
SSW	.7	1.1	2.2	1.4	.1	.1						5.7	5.7
SW	1.2	.9	2.9	2.2	.3							7.6	6.8
WSW	.9	2.1	3.8	2.4	.2							7.4	6.6
W	1.2	3.2	4.3	2.8	.1							11.4	6.3
WNW	1.1	1.6	2.4	1.7	.2							7.0	8.1
NW	1.2	1.2	1.4	2.4	.2							6.6	8.8
NNW	1.7	1.6	3.0	.9								7.1	7.0
VARBL													
CALM												5.3	
	16.6	25.9	33.9	17.0	1.2	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1713 STATION SEYMOUR-JOHNSON AFB NC 67-73-78 YEARS NOV MONTH 17-0-170 HOURS (LST) ALL WEATHER CLASS CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.7	3.6	3.4	.7								10.2	5.7
NNE	2.0	2.6	1.3	.2								5.1	5.1
NE	1.1	1.1	1.1	.2								.4	5.5
ENE	1.1	1.7	.3	.4								3.6	5.3
E	.9	2.8	.7	.4								1.7	5.7
ESE	1.1	1.3		.1								3.6	4.3
SE	.7	.2	.1									1.0	4.3
SSE	.7	.6	.7									1.3	4.0
S	1.1	1.8	.7	.1								3.7	5.7
SSW	1.7	1.8	2.3	.7								5.4	5.4
SW	1.0	3.1	3.3	2.0	.2							9.3	7.8
WSW	1.7	2.8	2.7	1.6	.2							5.9	7.1
W	1.7	3.3	3.8	1.1	.1							12.0	6.8
WNW	.9	.1	2.4	1.4	.1							7.3	7.7
NW	.4	1.0	2.2	1.6	.1							3.3	9.1
NNW	.4	1.9	2.1	1.0	.1							5.6	7.5
VARBL													
CALM												10.3	
	19.3	31.4	26.4	11.6	.9							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 905

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 67-70, 73-78 MONTH 4
CLASS ALL WEATHER HOURS (LST) 1200-2400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.1	1.6	.4								2.2	5.6
NNE	1.3	2.1	.3	.4								2.9	5.3
NE	.7	.6	.3	.3								1.6	5.1
ENE	1.4	.8	.6	.1	.1							.2	4.7
E	2.6	2.6	.9	.4								1.5	4.6
ESE	1.3	.9	.1									.3	3.4
SE	.6	.4										1.0	3.0
SSE	1.3	1.6	.3									.2	4.2
S	3.8	3.4	.8	.2								6.2	4.1
SSW	2.7	1.6	.7	.1								3.0	4.1
SW	.9	1.2	.9	.1								3.1	5.5
WSW	1.0	1.2	.7	.3								3.2	5.0
W	.8	.9	.8	.6	.3							3.5	5.3
WNW	.8	.9	1.0	.4								3.1	6.2
NW	1.0	1.1	1.3	.2	.1							3.9	6.4
NNW	1.0	1.7	1.8	.1	.1							4.7	6.5
VARBL													
CALM												26.3	
	21.9	23.0	12.0	4.1	.7							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 899

LOCAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 17713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 67-7, 73-76 MONTH NOV
 CLASS ALL WEATHER
 CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.3	1.7	1.0								2.7	6.4
NNE	.9	1.3	.8	.1								1.1	5.4
NE	.7	1.0	.7	.3	.1							2.4	6.4
ENE	.8	.6	.2	.6		.1						2.2	7.2
E	2.6	2.1	.6	.3								1.6	4.3
ESE	.7	.1	.1									.7	1.3
SE	1.4	1.0	.3									2.0	3.6
SSE	.8	1.6			.1							2.4	4.5
S	5.4	3.4	.4	.1								7.4	4.1
SSW	2.0	2.3	1.7	.3								6.3	5.0
SW	1.2	1.7	1.0	.6								4.4	5.7
WSW	.6	.9	.6	.2								2.2	5.8
W	.6	1.2	1.3	.6								3.7	7.0
WNW	.7	1.3	1.6	.4								4.0	6.7
NW	1.1	1.0	1.1	.3								3.5	6.0
NNW	.7	1.2	1.6	.7								4.1	7.1
VARBL													
CALM												13.1	
	19.7	23.1	13.2	5.6	.2	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 13
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-73, 73-73
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.1	2.5	.6	.	.	.	.	.	.	.	3.2	5.2
NNE	1.2	2.1	1.2	.3	.	.	.	.	.	.	.	4.3	5.5
NE	.6	1.1	.9	.2	.1	.	.	.	.	.	.	1.8	6.2
ENE	.9	1.3	.8	.3	.	.	.	.	.	.	.	3.1	5.7
E	1.8	2.2	.9	.3	.	.	.	.	.	.	.	3.2	5.8
ESE	.9	.7	.2	.7	.	.	.	.	.	.	.	1.3	3.7
SE	.8	.6	.1	.0	.	.	.	.	.	.	.	1.6	3.7
SSE	.8	.7	.3	.	.	.	.	.	.	.	.	1.2	1.3
S	1.9	1.8	.7	.1	.	.	.	.	.	.	.	4.4	4.5
SSW	1.5	1.4	1.4	.4	.	.2	.	.	.	.	.	4.8	5.9
SW	1.2	1.6	1.5	1.0	.1	.	.	.	.	.	.	5.4	6.9
WSW	1.5	1.8	1.5	.8	.1	.	.	.	.	.	.	5.7	6.4
W	1.4	2.3	2.1	1.0	.2	.	.	.	.	.	.	7.0	7.2
WNW	1.2	1.3	1.4	.8	.1	.	.	.	.	.	.	5.4	6.7
NW	1.1	1.5	1.4	.8	.1	.	.	.	.	.	.	4.9	6.9
NNW	1.2	1.3	1.8	.5	.	.	.	.	.	.	.	5.3	6.4
VARBL													
CALM												27.8	
	19.8	25.4	19.0	7.2	.7	.0						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 17713 STATION NAME ELYMOUR-JOHNSON AFB NC YEARS 67-70, 73-78 MONTH JUL
ALL WEATHER CLAIM
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	1.7	1.4	.5								5.0	5.5
NNE	.9	.5	.3	.1								1.2	4.4
NE	1.2	1.7	.9									2.8	4.6
ENE	1.4	1.2	.2	.1								1.3	4.0
E	2.3	1.4	.5	.1	.1							4.4	4.3
ESE	.6	.4	.2									1.2	3.9
SE	.7	.5	.9	.1								1.5	4.3
SSE	.3	.6	.4	.5								2.4	4.7
S	1.3	1.5	.0	.5								4.2	5.0
SSW	.6	1.4	1.4	1.1								4.5	7.1
SW	1.7	2.2	1.1	.5								5.5	5.1
WSW	1.8	2.2	1.5	.5								6.1	6.1
W	1.6	2.2	2.3	.8								6.5	6.2
WNW	1.6	2.0	1.5	.5	.2							5.9	6.2
NW	.5	2.4	1.7	.3								4.9	6.5
NNW	1.4	1.5	1.6	.5	.1							4.4	6.4
VARBL													
CALM												72.4	
	20.2	3.5	17.0	6.3	.5							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

5414

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 67-76, 73-78 MONTH DEC
ALL WEATHER CLASS 0300-0500
CONDITION NOVEMBER (LST)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.5	1.6	.1								4.9	5.3
NNE	1.3	1.4	.4	.1								3.2	4.3
NE	1.2	2.3	.3									2.8	4.3
ENE	1.7	1.3	.9									3.4	4.7
E	1.5	1.0	.4									2.9	4.3
ESE	.4	.2	.3									1.2	4.6
SE	.3	.3	.1									.8	3.6
SSE	1.0	.5	.3	.5								2.4	6.3
S	.8	1.8	.8	.4								3.8	5.9
SSW	1.0	1.5	1.2	1.1								4.7	7.2
SW	1.6	1.5	1.7	1.1								5.9	6.4
WSW	1.8	1.8	1.4	.2								5.3	5.0
W	1.5	3.4	1.8	.8								7.5	6.1
WNW	1.7	1.7	1.3	.2	.1							5.1	5.6
NW	1.5	1.8	1.8	.4	.1							5.7	5.4
NNW	.9	1.1	2.2	.4	.1							4.6	7.0
VARBL													
CALM												15.1	
	19.5	23.2	16.6	5.4	.3							115.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1973 SEYMOUR-JOHNSON AFB NC 67-70, 73-76 280 NORTH
STATION STATION NAME YEARS
ALL WEATHER
CLAS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.9	1.1									5.7	4.7
NNE	1.9	2.0	.5	.2								4.7	4.6
NE	1.2	2.2	.5	.1								4.7	4.8
ENE	1.1	1.4	.6									3.1	4.4
E	1.9	2.2	.4									4.5	4.7
ESE	.4	.3	.1									.9	3.6
SE	.8	.1	.1									1.7	2.9
SSE	.4	.5		.2	.1							1.3	6.3
S	1.1	.3	.8									2.2	5.7
SSW	1.6	1.7	.9	.4								4.6	5.4
SW	.9	1.1	2.9	1.3	.1							5.7	6.2
WSW	1.1	1.8	1.0	1.0	.3							5.2	7.4
W	3.4	2.9	1.4	.6	.1	.1						5.6	5.7
WNW	1.2	1.5	1.6	.5								4.8	6.3
NW	1.3	2.4	1.9	.8								6.3	6.3
NNW	1.5	2.0	1.2	.5	.1							5.4	6.2
VARBL													
CALM												31.8	
	21.7	25.3	14.6	5.7	.8	.1						120.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1713 STATION SEYMOUR-JOHNSON AFB NC 67-70, 73-78 DE
STATION NAME YEARS MONTH
ALL WEATHER CLASS 31-111
CONDITION HOURS (L & T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.2	3.3	1.8		.1						9.5	7.6
NNE	.5	1.4	1.5	.8								4.2	7.1
NE	.9	2.8	1.7	.1								5.5	5.2
ENE	.3	3.9	2.8	.2								7.6	6.2
E	1.4	1.4	1.4	.1								4.3	5.2
ESE	.5	1.5	.4									2.5	4.9
SE	1.1	.5	.1									1.7	3.5
SSE	.8	.9	.4	.2								2.3	5.5
S	.9	1.1	.3	.2								2.5	5.3
SSW	.6	1.1	2.2	.3	.1							4.3	7.1
SW	1.1	1.3	1.9	1.5	.1							5.9	8.2
WSW	.8	1.8	2.5	1.9	.4							7.4	9.0
W	1.5	3.3	1.9	1.7	.5							9.0	7.5
WNW	.9	1.7	2.2	1.1	.1							5.9	7.8
NW	.4	1.5	2.0	2.2	.1							6.2	8.9
NNW	.9	1.4	4.0	1.4	.2							7.8	8.1
VARBL													
CALM												13.3	
	13.9	28.8	28.7	13.5	1.6	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 STATION SEYMOUR-JOHNSON AFB NC 67-70, 77-76 YEARS DIS NORTH
ALL WEATHER? CLAIM 1200-1400 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.2	4.1	3.3	1.0	.1							9.7	6.9
NNE	1.0	1.8	1.3	.5								4.6	6.3
NE	.8	1.7	1.1	.1								3.7	5.5
ENE	1.0	2.0	1.7									4.7	5.5
E	1.9	2.6	1.3	.1								5.9	5.1
ESE	1.2	.5	.6	.1								2.5	4.8
SE		.3	.2									.5	4.4
SSE	.8	.5	.9	.2								2.4	6.1
S	.8	1.2	1.4	.3								3.7	6.4
SSW	1.0	.9	2.3	1.0	.5							5.6	8.7
SW	.4	1.4	2.5	1.8	.4							6.6	9.2
WSW	1.2	2.4	1.5	5.1	.4	.1						10.6	10.0
W	.9	2.5	3.4	2.3	.6	.1						9.9	9.3
WNW	.9	1.6	2.8	2.0	.4	.1						7.8	9.2
NW	1.1	1.6	3.1	1.8	.3	.1						6.1	8.6
NNW	1.3	1.8	2.9	1.3	.2							7.5	7.5
VARBL													
CALM												6.2	
	15.2	27.0	30.3	17.6	3.2	.4						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1113 SEYMOUR-JOHNSON AFB NC STATION NAME 67-70,73-76 YEARS DEC NORTH
1960-1961
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	4.7	1.8	.5								5.3	5.5
NNE	1.3	2.5	.5	.9								3.2	6.7
NE	.8	1.2	.9	.1								2.0	5.6
ENE	1.8	1.7	.9									4.4	4.5
E	1.5	1.8	.5	.3								4.3	4.6
ESE	.6	.9	.3	.1								1.9	4.7
SE	1.1	.4	.9									2.4	5.7
SSE	.5	.9	.3									1.7	4.2
S	1.4	1.8	1.7	.3								5.3	5.9
SSW	.9	2.5	2.8	1.1								7.2	7.3
SW	.9	3.1	2.3	1.1	.3	.1						7.7	7.6
WSW	.9	1.7	2.4	2.7	.2							7.8	8.8
W	.9	1.8	2.9	2.2	.4							8.2	8.9
WNW	1.1	1.9	3.0	1.9	.2							8.2	6.3
NW	1.1	2.3	3.9	2.2	.2							9.4	8.2
NNW	.9	2.3	2.5	.6								5.2	6.8
VARBL													
CALM												9.5	
	17.5	30.4	27.5	14.0	1.4	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 17713 STATION NAME SEYMOUR-JOHNSON AFB MC YEARS 67-70, 73-78 DEC
NORTH
1900-2100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.3	.8	.8								2.2	2.6
NNE	1.3	1.1	.2	.5								3.4	5.1
NE	.8	1.8	.2	.1								3.9	4.7
ENE	1.2	1.4	.4	.2								3.2	4.7
E	1.8	1.1	.9									3.8	4.3
ESE	.9	.6	.1									1.6	3.3
SE	.5	.5	.2	.1								1.4	4.6
SSE	.8	1.9	.3									2.7	4.4
S	3.2	1.8	.9	.3								6.2	4.4
SSW	1.9	2.4	1.7	.2	.1							6.4	5.6
SW	1.1	1.3	1.3	.4								4.1	6.1
WSW	.9	2.2	1.0	.8	.2	.1						5.1	7.2
W	1.0	2.0	1.3	.3								4.6	6.2
WNW	1.1	1.9	1.5	.2								4.7	5.7
NW	.6	1.7	2.8	1.2	.2							6.6	8.4
NNW	.9	1.7	.8	.4	.2							4.0	6.6
VARBL													
CALM												33.9	
	20.4	24.9	14.3	5.6	.8	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0100-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.5	1.6	.6								5.1	6.7
NNE	.5	.6	.6	.1								1.9	5.8
NE	.4	1.3	.6	.2								2.6	5.7
ENE	1.5	1.5	.3	.1								3.5	4.1
E	2.9	1.3	1.1	.1								5.4	4.1
ESE	.8	.9	.3									1.9	4.5
SE	.6	.9	.4	.1								2.0	5.2
SSE	1.4	1.1	.1									2.6	3.4
S	1.3	1.9	1.2	.3								4.7	5.3
SSW	1.3	2.5	2.5	.5								6.8	6.6
SW	.9	1.0	2.0	.6								4.5	7.0
WSW	1.0	1.4	1.0	1.1	.1	.1						4.6	7.7
W	1.3	2.5	1.8	.9	.1							5.6	6.7
WNW	.9	1.3	1.4	.5								4.1	6.3
NW	.9	2.6	2.2	1.1	.1							6.8	7.1
NNW	.8	2.0	1.0	.6	.2							4.5	7.5
VARBL													
CALM												32.1	
	17.7	24.3	18.2	7.0	.5	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13713 SEYMOUR-JOHNSON AFB NC 67-70, 73-76 DIS MONTH
STATION STATION NAME YEARS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.5	1.9	.7	.	.						6.9	6.1
NNE	1.1	1.4	.7	.4								3.7	5.6
NE	.9	1.9	.8	.1								3.6	5.2
ENE	1.3	1.8	1.7	.1								4.1	5.0
E	1.9	1.6	.9	.1	.							4.4	4.5
ESE	.7	.7	.3	.0								1.7	4.4
SE	.6	.5	.4	.0								1.5	4.7
SSE	.8	.9	.3	.2	.							2.2	5.3
S	1.3	1.4	1.0	.3								4.1	5.5
SSW	1.1	1.7	1.9	.7	.1							5.5	6.9
SW	1.0	1.6	1.9	1.0	.1	.0						5.7	7.4
WSW	1.2	1.9	1.5	1.7	.2	.2						5.5	8.0
W	1.5	2.6	2.1	1.2	.2	.2						7.7	7.2
WNW	1.2	1.7	1.9	.9	.1	.2						5.8	7.2
NW	.9	2.0	2.4	1.2	.1	.3						6.8	7.7
NNW	1.0	1.7	2.0	.7	.1							5.7	7.1
VARBL													
CALM												24.2	
	18.3	25.9	20.9	9.4	1.1	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17713 STATION SEYMOUR-JOHNSON AFB NC 67-73, 73-79 YEARS ALL NORTH
ALL WEATHER CLASS ALL HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.9	2.2	.6	.7	.						7.6	6.0
NNE	1.2	2.1	1.7	.5	.7	.						5.5	6.1
NE	.8	1.7	1.2	.2	.7	.						4.3	5.9
ENE	1.0	1.8	1.2	.2	.7	.7	.7					4.2	5.5
E	1.8	2.1	1.1	.2	.7							5.1	4.9
ESE	1.2	1.7	.5	.7								2.7	4.4
SE	1.0	.9	.4	.7								2.4	4.3
SSE	1.4	1.3	.5	.1	.7							3.3	4.6
S	2.1	2.4	1.3	.3	.7	.7						6.1	5.1
SSW	1.5	2.2	1.8	.5	.7	.7	.7					6.1	6.1
SW	1.2	1.9	1.8	.9	.1	.7						5.9	6.0
WSW	1.3	2.1	1.8	1.0	.1	.7	.3	.3				6.3	7.1
W	1.4	2.2	1.8	.8	.1	.7	.7	.0				6.4	6.8
WNW	.9	1.4	1.3	.6	.1	.7						4.7	6.8
NW	.7	1.2	1.3	.6	.7	.7						3.8	7.2
NNW	.9	1.5	1.4	.5	.7	.7						4.4	6.6
VARBL													
CALM												22.1	
	20.3	28.5	21.2	7.1	.7	.1	.9	.0				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 87630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1713 SEYHOUR-JOHNSON AFB VC STATION NAME 67-73-79 YEARS ALL MONTH ALL HOUR (LST)

INSTRUMENT CLASS CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE, CONDITION AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	4.7	3.6	1.4	.1	.7						12.1	6.5
NNE	1.3	3.5	3.6	1.3	.7							9.7	7.2
NE	1.3	3.1	2.8	.6	.7							7.8	5.4
ENE	.9	2.4	2.1	.4	.3	.7						5.6	5.4
E	1.6	2.5	1.6	.4	.7							5.7	5.5
ESE	1.1	1.1	.7	.1								3.0	5.3
SE	.8	.8	.5	.1								2.2	4.9
SSE	.9	.9	.6	.3	.7							2.7	5.7
S	1.4	1.5	1.3	.4	.7							4.7	5.8
SSW	1.0	1.4	1.2	.3	.7							3.9	5.9
SW	.2	1.5	1.0	.2	.7							3.6	5.7
WSW	1.7	1.5	1.7	.4	.1	.7	.0	.0				4.1	6.6
W	1.1	1.4	1.4	.5	.1			.0				4.5	6.5
WNW	.9	1.1	.6	.2	.7							2.4	5.5
NW	.7	1.1	.8	.3	.7	.7						2.9	6.1
NNW	1.0	1.8	1.6	.4	.7	.7						4.5	6.4
VARBL													
CALM												19.1	
	18.2	30.5	24.4	7.2	.5	.1	.0	.0				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 9909

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					92.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 91.0%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
WAFETAC
AD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713

LEYMOUR-JOHNSON AFB NC

65-70, 73-79

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	6.0	54.3	55.3	57.5	56.0	56.0	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.5	56.6	56.7
≥20000	8.0	56.5	57.5	57.7	58.3	58.3	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.7	58.8	58.9
W 18000	9.0	56.9	58.1	58.2	58.7	58.7	58.8	58.9	59.1	59.2	59.2	59.2	59.2	59.1	59.2	59.4
W 16000	8.0	57.2	58.3	58.5	59.0	59.0	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.5	59.6	59.7
W 14000	8.0	57.6	58.8	59.0	59.6	59.6	59.7	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.1	60.2
W 12000	8.5	59.1	60.3	60.5	61.1	61.1	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.5	61.6	61.7
W 10000	8.6	61.1	62.3	62.5	63.0	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.5	63.7
W 9000	8.6	61.7	62.9	63.1	63.7	63.7	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.1	64.2	64.3
W 8000	8.9	63.4	64.2	65.1	65.8	65.8	65.8	65.8	66.2	66.2	66.2	66.2	66.2	66.3	66.5	66.7
W 7000	8.9	64.1	65.6	65.8	66.3	66.5	66.6	66.7	67.1	67.1	67.2	67.2	67.2	67.3	67.4	67.5
W 6000	9.0	64.8	66.3	66.8	67.1	67.2	67.3	67.4	67.8	67.8	68.0	68.0	68.0	68.1	68.2	68.3
W 5000	9.0	66.2	67.8	68.1	68.7	68.8	68.9	69.0	69.3	69.3	69.5	69.5	69.5	69.7	69.8	69.9
W 4500	9.2	67.8	69.7	69.9	70.5	70.6	70.8	70.9	71.3	71.3	71.4	71.4	71.4	71.5	71.6	71.7
W 4000	9.5	70.9	73.6	73.2	74.1	74.3	74.4	74.5	74.9	74.9	75.1	75.1	75.2	75.3	75.4	75.4
W 3500	9.6	72.3	74.4	74.6	75.5	75.7	75.8	75.9	76.3	76.3	76.5	76.5	76.5	76.6	76.7	76.8
W 3000	9.9	72.6	74.9	75.2	76.0	76.2	76.3	76.9	76.9	76.9	77.0	77.0	77.1	77.2	77.3	77.3
W 2500	9.9	73.3	75.7	76.0	76.9	77.3	77.4	77.5	78.0	78.0	78.1	78.1	78.2	78.3	78.4	78.4
W 2000	10.2	74.4	76.8	77.4	78.3	78.7	78.8	78.9	79.4	79.4	79.5	79.5	79.6	79.7	79.8	79.8
W 1800	10.2	74.7	77.1	78.0	78.8	79.2	79.4	79.5	80.0	80.0	80.1	80.1	80.2	80.3	80.4	80.4
W 1500	10.2	75.3	77.7	78.7	79.8	80.2	80.4	80.5	81.2	81.1	81.2	81.2	81.3	81.4	81.5	81.5
W 1200	10.2	75.7	79.5	80.6	82.4	82.8	83.0	83.1	83.7	83.7	83.8	83.8	83.9	84.0	84.1	84.1
W 1000	10.2	77.7	80.5	82.2	83.8	84.2	84.4	84.5	85.1	85.1	85.2	85.2	85.3	85.4	85.5	85.5
W 900	10.2	78.2	81.3	83.2	85.2	85.6	85.8	85.9	86.5	86.5	86.6	86.6	86.7	86.8	86.9	86.9
W 800	10.2	78.8	82.5	84.4	86.5	86.9	87.1	87.2	87.7	87.8	88.0	88.0	88.1	88.2	88.3	88.3
W 700	10.2	79.7	83.8	85.9	88.6	89.0	89.2	89.4	89.9	90.1	90.2	90.2	90.3	90.4	90.5	90.5
W 600	10.2	80.2	84.2	86.8	90.4	90.9	91.1	91.2	91.9	92.3	92.5	92.5	92.6	92.7	92.8	92.8
W 500	10.2	80.6	84.6	87.4	91.1	91.6	92.4	92.7	93.5	94.0	94.3	94.3	94.4	94.5	94.6	94.6
W 400	10.2	80.5	84.7	87.7	91.5	92.4	93.7	94.5	95.8	95.9	96.2	96.2	96.3	96.5	96.6	96.6
W 300	10.2	80.6	84.8	87.8	91.8	92.8	94.1	95.1	96.2	96.9	97.2	97.2	97.3	97.4	97.5	97.5
W 200	10.2	80.6	84.8	87.8	91.8	92.8	94.3	95.4	96.6	97.4	98.0	98.0	98.3	98.4	98.5	98.5
W 100	10.2	80.6	84.8	87.8	91.8	92.8	94.3	95.4	96.6	97.5	98.1	98.1	98.7	99.1	99.4	99.8
W 0	10.2	80.6	84.8	87.8	91.8	92.8	94.3	95.4	96.6	97.5	98.1	98.1	98.7	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB AC
STATION NAME

62-73,73-77
YEAR

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3730-3500
WINDS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	6.3	50.9	52.6	52.9	53.8	53.9	54.1	54.2	54.3	54.4	54.7	54.8	54.8	54.8	55.1	55.1
≥ 20000	7.4	53.9	55.8	56.1	56.8	57.1	57.2	57.4	57.4	57.6	58.1	58.1	58.1	58.1	58.3	58.4
IV 18000	7.4	54.0	55.9	56.2	56.9	57.2	57.3	57.5	57.5	57.7	58.1	58.2	58.2	58.2	58.4	58.5
IV 16000	7.4	54.2	56.1	56.5	57.1	57.4	57.5	57.7	57.7	58.0	58.3	58.4	58.4	58.4	58.6	58.7
IV 14000	7.4	54.2	56.2	56.6	57.2	57.5	57.6	57.8	57.8	58.1	58.4	58.5	58.5	58.5	58.7	58.8
IV 12000	7.3	55.8	58.1	58.4	59.0	59.4	59.5	59.7	59.7	59.9	60.2	60.3	60.3	60.3	60.5	60.6
IV 10000	7.6	58.5	61.8	61.3	61.9	62.5	62.6	62.8	62.8	63.0	63.3	63.4	63.4	63.4	63.7	63.8
IV 9000	7.6	59.1	61.4	61.9	62.6	63.1	63.2	63.4	63.4	63.7	64.0	64.1	64.1	64.1	64.3	64.4
IV 8000	7.7	60.9	63.1	63.7	64.3	64.8	64.9	65.2	65.2	65.4	65.7	65.8	65.8	65.8	66.0	66.1
IV 7000	7.7	61.8	64.1	64.6	65.3	65.8	65.9	66.1	66.1	66.3	66.7	66.8	66.8	66.8	67.1	67.1
IV 6000	7.7	63.2	65.6	66.1	66.8	67.3	67.4	67.6	67.6	67.8	68.2	68.3	68.3	68.3	68.5	68.6
IV 5000	7.8	64.6	67.1	67.8	68.5	69.0	69.1	69.4	69.4	69.6	69.9	70.2	70.2	70.2	70.3	70.3
IV 4500	8.2	65.8	68.3	69.0	69.7	70.2	70.3	70.5	70.5	70.8	71.1	71.2	71.2	71.2	71.4	71.5
IV 4000	8.6	68.2	71.2	72.0	72.6	73.4	73.5	73.9	73.9	74.1	74.4	74.5	74.5	74.5	74.7	74.8
IV 3500	8.8	68.6	71.8	72.7	73.7	74.3	74.4	74.7	74.7	74.9	75.3	75.4	75.4	75.4	75.6	75.7
IV 3000	8.8	69.4	72.8	73.8	74.8	75.6	75.7	76.0	76.0	76.2	76.6	76.7	76.7	76.7	76.9	77.0
IV 2500	8.9	70.6	74.2	75.2	76.2	77.1	77.2	77.5	77.5	77.7	78.1	78.2	78.2	78.2	78.4	78.5
IV 2000	9.2	71.8	75.5	76.7	77.7	78.7	78.9	79.2	79.2	79.5	79.9	79.9	79.9	79.9	80.1	80.2
IV 1800	9.2	71.8	75.8	77.1	78.2	79.1	79.4	79.7	79.7	79.9	80.2	80.3	80.3	80.3	80.5	80.6
IV 1500	9.3	73.1	77.4	78.8	80.0	81.0	81.2	81.5	81.5	81.7	82.0	82.2	82.2	82.2	82.4	82.5
IV 1200	9.3	74.6	79.0	80.8	82.0	83.0	83.3	83.8	84.0	84.3	84.6	84.7	84.7	84.7	84.9	85.1
IV 1000	9.3	74.9	79.7	81.6	83.2	84.3	84.6	85.1	85.3	85.6	85.9	86.2	86.2	86.2	86.3	86.3
IV 900	9.3	75.8	80.4	82.6	84.2	85.4	85.7	86.1	86.3	86.7	87.0	87.1	87.1	87.1	87.3	87.4
IV 800	9.3	76.1	81.2	83.3	84.9	86.2	86.7	87.1	87.3	87.6	88.0	88.1	88.1	88.1	88.3	88.4
IV 700	9.3	76.5	82.2	84.4	86.2	87.5	88.0	88.3	88.7	89.1	89.4	89.5	89.5	89.5	89.7	89.8
IV 600	9.3	77.2	83.2	85.6	87.8	89.2	90.1	90.6	91.0	91.5	91.8	91.9	91.9	91.9	92.2	92.3
IV 500	9.6	77.5	83.8	86.1	88.1	90.3	91.1	92.3	92.9	93.4	93.8	93.9	93.9	93.9	94.1	94.2
IV 400	9.6	77.8	84.1	86.5	89.2	91.0	92.6	94.0	94.4	95.1	95.4	95.5	95.5	95.5	95.7	95.8
IV 300	9.6	78.0	84.2	86.6	89.8	91.4	93.1	94.5	95.4	96.2	96.7	96.8	96.8	96.8	97.0	97.1
IV 200	9.6	78.0	84.2	86.6	89.7	91.4	93.2	94.5	95.8	97.1	97.6	97.7	97.7	97.8	98.1	98.2
IV 100	9.6	78.0	84.2	86.6	89.7	91.4	93.2	95.1	95.9	97.3	98.0	98.2	98.8	99.1	99.5	100.0
IV 0	9.6	78.0	84.2	86.6	89.7	91.4	93.2	95.1	95.9	97.3	98.0	98.2	98.8	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-72, 73-79
YEAR

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY) (RATIOS)

6600-7800
HOURLY

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	6.3	47.1	49.1	49.7	50.3	50.6	51.3	51.4	51.4	51.5	51.5	51.5	51.5	51.8	51.9	52.3
≥ 20000	7.1	49.7	52.1	52.6	53.3	53.7	54.4	54.6	54.6	54.7	54.7	54.7	54.7	55.1	55.2	55.5
≥ 18000	7.1	51.1	52.4	52.9	53.7	54.1	54.7	54.9	54.9	55.1	55.1	55.1	55.1	55.4	55.5	55.8
≥ 16000	7.1	50.0	52.4	52.9	53.7	54.1	54.8	55.1	55.1	55.2	55.2	55.2	55.2	55.5	55.6	55.9
≥ 14000	7.2	50.4	52.6	53.3	54.1	54.5	55.3	55.5	55.5	55.6	55.6	55.6	55.6	55.9	56.0	56.3
≥ 12000	7.6	52.6	54.9	55.5	56.2	56.7	57.5	57.7	57.7	57.9	57.8	57.8	57.8	58.2	58.3	58.6
≥ 10000	7.8	55.4	57.7	58.3	59.2	59.7	60.5	60.8	60.8	60.9	60.9	60.9	60.9	61.2	61.3	61.6
≥ 9000	7.8	56.1	58.5	59.0	60.0	60.4	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.9	62.0	62.4
≥ 8000	8.4	58.1	61.9	61.8	62.8	63.2	64.1	64.3	64.3	64.4	64.4	64.4	64.4	64.7	64.8	65.2
≥ 7000	8.6	59.4	62.3	63.3	64.3	64.7	65.6	66.0	66.0	66.1	66.1	66.1	66.1	66.5	66.6	66.9
≥ 6000	8.7	61.3	64.5	65.6	66.7	67.1	68.7	68.4	68.4	68.5	68.5	68.5	68.5	68.8	68.9	69.2
≥ 5000	8.8	63.0	66.1	67.3	68.5	68.9	69.8	70.2	70.2	70.3	70.3	70.3	70.3	70.6	70.8	71.1
≥ 4500	9.0	64.1	67.2	68.4	69.6	70.0	70.9	71.4	71.4	71.5	71.5	71.5	71.5	71.8	71.9	72.3
≥ 4000	9.0	65.4	68.7	70.0	71.3	71.7	72.6	73.1	73.1	73.2	73.2	73.2	73.2	73.5	73.7	74.1
≥ 3500	9.1	66.6	69.9	71.3	72.6	73.1	73.9	74.4	74.4	74.5	74.5	74.5	74.5	74.8	74.9	75.3
≥ 3000	9.1	67.0	70.4	71.8	73.2	73.7	74.6	75.2	75.2	75.3	75.3	75.3	75.4	75.7	75.8	76.1
≥ 2500	9.1	68.9	72.6	74.2	75.6	76.0	77.0	77.5	77.5	77.6	77.6	77.7	77.7	78.1	78.2	78.5
≥ 2000	9.1	69.6	73.4	75.2	76.7	77.1	78.2	78.7	78.7	78.8	78.8	78.9	78.9	79.2	79.4	79.7
≥ 1800	9.1	69.8	73.8	75.5	77.3	77.7	78.8	79.4	79.4	79.5	79.5	79.6	79.6	79.9	80.0	80.3
≥ 1500	9.1	70.4	74.5	76.3	78.2	78.6	79.8	80.3	80.3	80.4	80.4	80.5	80.5	81.0	81.1	81.4
≥ 1200	9.1	71.8	76.1	78.1	79.9	80.3	81.5	82.0	82.0	82.5	82.5	82.6	82.6	83.0	83.1	83.4
≥ 1000	9.1	73.0	77.6	79.9	81.7	82.2	83.3	83.9	83.9	84.3	84.3	84.4	84.4	84.8	84.9	85.3
≥ 900	9.1	74.1	78.7	81.2	83.1	83.5	84.7	85.3	85.3	85.7	85.7	85.8	85.8	86.2	86.3	86.7
≥ 800	9.1	74.1	79.0	81.6	83.7	84.1	85.3	85.8	85.8	86.2	86.2	86.3	86.3	86.8	86.9	87.2
≥ 700	9.1	74.4	79.6	82.3	84.6	85.1	86.2	86.8	86.8	87.2	87.2	87.3	87.3	87.7	87.8	88.2
≥ 600	9.1	74.6	80.3	83.2	85.8	86.2	87.5	88.3	88.3	88.7	88.7	88.8	88.8	89.2	89.4	89.7
≥ 500	9.1	74.9	80.8	84.4	88.0	88.6	90.2	91.3	91.3	91.7	91.7	91.8	91.8	92.3	92.4	92.7
≥ 400	9.1	75.2	81.2	84.9	88.8	89.8	91.8	93.3	93.5	94.1	94.1	94.2	94.6	94.7	94.7	95.1
≥ 300	9.1	75.2	81.2	84.9	88.8	90.1	92.5	95.2	95.4	96.2	96.3	96.5	96.9	97.1	97.1	97.4
≥ 200	9.1	75.2	81.2	84.9	88.8	90.1	92.7	95.7	96.6	97.6	98.2	98.4	99.0	99.4	99.4	99.7
≥ 100	9.1	75.2	81.2	84.9	88.8	90.1	92.8	95.8	96.7	97.7	98.4	98.6	99.2	99.6	99.7	100.0
≥ 0	9.1	75.2	81.2	84.9	88.8	90.1	92.8	95.8	96.7	97.7	98.4	98.6	99.2	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 935

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB AC
STATION NAME

68-70, 73-79
YEAR

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

930-1100
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.7	≥.5	≥.3	≥.25	≥.2	≥0
NO CEILING	8.4	51.3	52.3	52.5	52.5	52.6	52.7	52.7	52.7	52.8	52.8	52.9	52.9	52.9	53.0	53.0
≥ 20000	9.0	54.1	55.2	55.4	55.5	55.6	55.7	55.7	55.7	55.8	55.8	55.9	55.9	55.9	56.0	56.0
≥ 18000	9.1	54.1	55.2	55.4	55.5	55.6	55.7	55.7	55.7	55.8	55.8	55.9	55.9	55.9	56.0	56.0
≥ 16000	9.2	54.7	55.8	56.0	56.1	56.2	56.3	56.3	56.3	56.4	56.4	56.5	56.5	56.6	56.7	56.7
≥ 14000	9.2	55.4	56.9	57.1	57.2	57.3	57.4	57.4	57.4	57.5	57.5	57.6	57.6	57.6	57.7	57.7
≥ 12000	9.0	56.7	57.7	58.0	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.5	58.5	58.5	58.6	58.6
≥ 10000	9.9	60.2	61.4	61.6	61.7	61.8	61.9	61.9	61.9	62.0	62.0	62.1	62.1	62.2	62.3	62.3
≥ 9000	9.9	61.7	62.9	63.1	63.2	63.3	63.4	63.4	63.4	63.5	63.5	63.7	63.7	63.7	63.8	63.8
≥ 8000	10.8	64.9	66.1	66.3	66.5	66.6	66.7	66.7	66.7	66.8	66.8	66.9	66.9	66.9	67.0	67.0
≥ 7000	11.9	66.7	68.1	68.3	68.4	68.5	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.9	68.9
≥ 6000	11.2	68.6	70.1	70.3	70.4	70.5	70.6	70.6	70.6	70.7	70.7	70.8	70.8	70.9	71.0	71.0
≥ 5000	11.4	70.5	72.0	72.5	72.7	72.8	72.9	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.2	73.2
≥ 4500	11.4	71.4	73.0	73.4	73.7	73.8	73.9	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.2	74.2
≥ 4000	11.4	73.1	74.8	75.4	75.7	75.8	75.9	76.0	76.0	76.1	76.1	76.2	76.2	76.2	76.3	76.3
≥ 3500	11.4	73.5	75.3	75.8	75.9	76.0	76.1	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.4	76.4
≥ 3000	11.4	74.2	76.1	76.7	77.3	77.4	77.5	77.6	77.7	77.8	77.8	77.9	77.9	78.0	78.1	78.1
≥ 2500	11.4	75.3	77.4	78.0	78.6	78.7	79.0	79.1	79.2	79.4	79.4	79.5	79.5	79.5	79.6	79.6
≥ 2000	11.5	76.0	78.2	78.7	79.4	79.6	79.9	80.0	80.1	80.2	80.2	80.3	80.3	80.3	80.4	80.4
≥ 1800	11.6	76.7	78.9	79.5	80.1	80.3	80.6	80.8	80.9	81.0	81.0	81.1	81.1	81.1	81.2	81.2
≥ 1500	11.6	77.7	80.0	80.8	81.5	81.7	82.3	82.4	82.5	82.7	82.7	82.8	82.8	82.8	82.9	82.9
≥ 1200	11.6	78.4	80.6	81.4	82.2	82.4	82.9	83.0	83.1	83.3	83.4	83.5	83.5	83.5	83.7	83.7
≥ 1000	11.6	79.7	82.3	83.1	83.9	84.1	84.8	85.1	85.2	85.4	85.5	85.6	85.6	85.6	85.7	85.7
≥ 900	11.5	79.8	82.5	83.4	84.2	84.4	85.2	85.4	85.5	85.7	85.8	85.9	85.9	85.9	86.0	86.0
≥ 800	11.6	80.4	83.7	84.7	85.9	85.1	86.9	87.2	87.4	87.6	87.7	87.8	87.8	87.8	88.0	88.0
≥ 700	11.6	81.0	84.5	85.9	87.1	87.5	88.4	89.1	89.4	89.6	89.7	89.8	89.8	89.8	89.9	89.9
≥ 600	11.6	81.1	85.3	86.8	88.2	88.6	89.8	90.6	90.9	91.1	91.2	91.3	91.4	91.4	91.5	91.5
≥ 500	11.6	81.6	86.0	88.0	90.0	90.6	92.8	93.8	94.0	94.2	94.3	94.4	94.5	94.5	94.6	94.6
≥ 400	11.6	81.9	86.5	88.5	90.9	91.9	94.2	95.5	95.7	95.9	96.0	96.1	96.3	96.3	96.5	96.5
≥ 300	11.6	82.0	86.6	88.6	91.2	92.6	95.3	97.1	97.5	97.8	98.2	98.3	98.6	98.7	98.8	98.8
≥ 200	11.6	82.0	86.6	88.6	91.3	92.7	95.5	97.4	98.0	98.5	98.8	98.9	99.5	99.6	99.7	99.7
≥ 100	11.6	82.0	86.6	88.6	91.3	92.7	95.5	97.4	98.0	98.5	98.8	98.9	99.6	99.8	100.0	100.0
≥ 0	11.6	82.0	86.6	88.6	91.3	92.7	95.5	97.4	98.0	98.5	98.8	98.9	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13 SEYMOUR-JOHNSON AFB NC

66-77, 73-79

JAN

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.2	≥.15	≥.1
NO CEILING	9.6	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 20000	10.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 18000	10.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 16000	10.9	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 14000	11.1	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 12000	11.1	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 10000	11.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 9000	11.1	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 8000	11.5	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 7000	11.6	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 6000	11.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 5000	11.8	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 4500	11.9	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 4000	11.8	76.1	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 3500	11.8	77.1	77.2	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 3000	11.8	78.2	78.7	79.0	79.1	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 2500	11.8	79.0	80.1	80.4	80.5	80.8	80.9	80.9	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2
IV 2000	11.9	80.6	81.9	82.4	82.6	82.8	82.9	83.0	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4
IV 1800	11.9	81.1	82.4	82.8	83.0	83.2	83.3	83.4	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9
IV 1500	11.9	81.9	83.3	84.0	84.2	84.4	84.5	84.7	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2
IV 1200	11.9	82.9	84.5	85.3	85.7	86.0	86.2	86.5	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9
IV 1000	11.9	84.0	85.6	86.5	86.9	87.3	87.6	87.8	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4
IV 900	11.9	84.3	86.3	87.3	88.2	88.6	88.9	89.1	89.2	89.5	89.7	89.7	89.7	89.7	89.7	89.7
IV 800	11.9	84.7	87.1	88.3	89.2	89.8	90.1	90.4	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0
IV 700	11.9	85.3	88.0	89.2	90.9	91.4	91.8	92.6	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1
IV 600	11.9	85.6	88.5	89.8	91.9	92.7	93.1	93.9	94.0	94.3	94.6	94.6	94.7	94.7	94.7	94.7
IV 500	11.9	86.1	89.1	90.4	93.1	94.4	95.4	96.3	96.6	97.1	97.6	97.7	98.0	98.0	98.0	98.0
IV 400	11.9	86.1	89.2	90.5	93.3	94.7	95.9	97.0	97.3	97.8	98.7	98.8	99.1	99.1	99.1	99.1
IV 300	11.9	86.1	89.5	90.8	93.7	95.1	96.3	97.7	98.1	98.6	99.6	99.7	100.0	100.0	100.0	100.0
IV 200	11.9	86.1	89.5	90.8	93.7	95.1	96.3	97.7	98.1	98.6	99.6	99.7	100.0	100.0	100.0	100.0
IV 100	11.9	86.1	89.5	90.8	93.7	95.1	96.3	97.7	98.1	98.6	99.6	99.7	100.0	100.0	100.0	100.0
IV 0	11.9	86.1	89.5	90.8	93.7	95.1	96.3	97.7	98.1	98.6	99.6	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-77,73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	9.8	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000	10.5	57.2	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 18000	10.6	57.3	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	10.8	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	11.3	58.8	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 12000	12.3	61.7	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 10000	12.7	64.7	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	12.7	65.1	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 8000	13.1	67.7	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 7000	13.0	69.6	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 6000	13.1	73.8	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	13.3	72.4	73.3	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4500	13.4	73.3	74.4	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000	13.4	75.2	76.2	76.3	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500	13.4	76.3	77.4	77.5	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	13.4	78.3	79.4	79.6	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2500	13.7	80.5	81.8	82.0	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000	13.9	81.8	83.2	83.8	84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	13.9	81.9	83.3	83.9	84.6	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1500	13.9	82.8	84.6	85.4	86.1	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1200	13.9	84.3	86.5	87.4	88.2	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000	13.9	85.3	87.4	88.6	89.4	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 900	13.9	85.7	88.1	89.5	90.2	90.9	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	13.9	86.3	89.1	90.3	91.2	91.9	92.2	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 700	13.9	86.7	89.7	91.2	92.4	93.1	93.4	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 600	13.9	86.7	89.7	91.9	93.3	94.1	94.5	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	13.9	87.1	90.7	92.5	94.0	94.7	95.6	96.9	97.5	98.1	98.1	98.1	98.1	98.2	98.2	98.2
≥ 400	13.9	87.2	90.3	92.7	94.3	95.1	95.9	97.3	98.0	98.5	98.7	98.7	98.7	98.8	98.8	98.8
≥ 300	13.9	87.2	91.3	92.7	94.4	95.2	96.0	97.5	98.2	98.7	99.1	99.1	99.2	99.2	99.2	99.2
≥ 200	13.9	87.2	91.3	92.7	94.4	95.2	96.0	97.5	98.3	98.8	99.4	99.4	99.9	99.9	99.9	99.9
≥ 100	13.9	87.2	91.3	92.7	94.4	95.2	96.0	97.5	98.3	98.8	99.5	99.5	100.0	100.0	100.0	100.0
≥ 0	13.9	87.2	91.3	92.7	94.4	95.2	96.0	97.5	98.3	98.8	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
AFETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 1713 SEYMOUR-JOHNSON AFB NC

68-77, 75-79

YEARS

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13.1-20.0
HOURS PER DAY

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	3.7	53.5	53.9	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.7	54.7	54.7
≥ 20000	8.9	56.3	56.3	56.8	56.9	57.1	57.2	57.4	57.4	57.4	57.4	57.4	57.5	57.6	57.6	57.7
≥ 18000	9.2	57.7	57.7	57.4	57.5	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.2	58.3	58.4	58.4
≥ 16000	9.2	57.2	57.2	57.6	57.7	58.0	58.2	58.4	58.4	58.4	58.4	58.5	58.5	58.6	58.7	58.7
≥ 14000	9.4	58.2	58.2	58.6	58.7	58.9	59.1	59.4	59.4	59.4	59.4	59.5	59.5	59.6	59.7	59.7
≥ 12000	9.9	60.1	60.1	60.5	60.6	60.9	61.2	61.4	61.4	61.4	61.4	61.5	61.5	61.6	61.7	61.7
≥ 10000	10.3	64.1	64.1	64.5	64.6	64.8	65.2	65.4	65.4	65.4	65.4	65.5	65.5	65.6	65.7	65.7
≥ 9000	10.3	64.3	64.3	64.7	64.8	65.1	65.4	65.6	65.6	65.6	65.6	65.7	65.7	65.8	65.9	65.9
≥ 8000	11.1	66.7	66.7	67.3	67.4	67.6	68.0	68.2	68.2	68.2	68.2	68.3	68.3	68.4	68.5	68.5
≥ 7000	11.2	66.4	66.4	67.4	67.5	67.7	68.0	68.2	68.2	68.2	68.2	68.3	68.3	68.4	68.5	68.5
≥ 6000	11.3	69.5	69.5	70.4	70.5	70.8	71.1	71.3	71.3	71.3	71.3	71.4	71.4	71.5	71.6	71.6
≥ 5000	11.5	70.5	70.5	71.4	71.6	71.8	72.2	72.4	72.4	72.4	72.4	72.5	72.5	72.6	72.7	72.7
≥ 4500	11.5	71.4	71.4	72.4	72.6	72.8	73.1	73.3	73.3	73.3	73.3	73.4	73.4	73.5	73.7	73.7
≥ 4000	11.5	73.4	73.4	74.6	74.9	75.2	75.6	75.6	75.6	75.6	75.6	75.9	75.9	76.0	76.1	76.1
≥ 3500	11.5	74.7	74.7	75.9	76.2	76.5	76.9	77.1	77.1	77.1	77.1	77.2	77.2	77.3	77.4	77.4
≥ 3000	12.0	77.0	77.0	78.2	78.5	78.7	79.1	79.4	79.4	79.4	79.4	79.5	79.6	79.7	79.8	79.8
≥ 2500	12.1	78.3	78.3	79.7	80.3	80.5	81.0	81.3	81.3	81.3	81.3	81.4	81.5	81.6	81.7	81.7
≥ 2000	12.1	80.1	80.1	82.3	83.1	83.3	83.8	84.1	84.1	84.1	84.1	84.2	84.3	84.4	84.5	84.5
≥ 1800	12.1	80.2	80.2	82.5	83.3	83.5	84.0	84.3	84.3	84.3	84.3	84.4	84.5	84.6	84.7	84.7
≥ 1500	12.1	80.8	80.8	83.4	84.4	84.7	85.2	85.5	85.5	85.5	85.5	85.6	85.7	85.8	85.9	85.9
≥ 1200	12.4	82.2	82.2	85.6	86.7	87.0	87.5	87.8	87.8	87.8	87.8	88.0	88.1	88.2	88.3	88.3
≥ 1000	12.4	82.6	82.6	86.5	87.6	88.0	88.5	88.8	88.8	88.8	88.8	88.9	89.0	89.1	89.2	89.2
≥ 900	12.4	83.2	83.2	87.4	88.7	89.0	89.7	90.0	90.0	90.0	90.0	90.2	90.3	90.4	90.5	90.5
≥ 800	12.4	83.4	83.4	88.3	90.0	90.5	91.4	91.7	91.7	91.7	91.7	92.2	92.3	92.4	92.5	92.5
≥ 700	12.4	83.8	83.8	89.0	91.1	91.6	92.5	93.0	93.0	93.0	93.0	93.4	93.5	93.6	93.7	93.7
≥ 600	12.4	84.1	84.1	89.9	92.0	92.7	93.8	94.6	94.6	94.6	94.6	95.1	95.2	95.3	95.4	95.4
≥ 500	12.4	84.1	84.1	90.0	92.3	93.4	94.6	95.6	95.6	95.6	95.6	96.0	96.1	96.2	96.3	96.3
≥ 400	12.4	84.1	84.1	90.1	92.6	94.1	95.5	97.1	97.1	97.1	97.1	97.6	97.7	97.8	97.9	97.9
≥ 300	12.4	84.1	84.1	90.3	92.8	94.4	95.8	97.5	97.5	97.5	97.5	98.2	98.3	98.4	98.5	98.5
≥ 200	12.4	84.1	84.1	90.3	92.9	94.6	96.1	97.8	97.8	97.8	97.8	98.6	98.6	98.8	99.1	99.2
≥ 100	12.4	84.1	84.1	90.3	92.9	94.6	96.1	97.8	97.8	97.8	97.8	98.7	98.9	98.9	99.4	99.7
≥ 0	12.4	84.1	84.1	90.3	92.9	94.6	96.1	97.8	97.8	97.8	97.8	98.7	98.9	98.9	99.5	99.9

TOTAL NUMBER OF OBSERVATIONS

930

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEAR

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

10-2300
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	6.7	55.4	56.2	56.7	56.8	56.8	56.9	57.0	57.0	57.0	57.1	57.2	57.3	57.4	57.4	57.4
≥ 20000	7.4	57.1	58.1	59.4	58.5	58.9	59.6	59.7	58.7	58.7	58.7	58.7	58.8	58.9	59.3	59.4
≥ 18000	7.6	57.5	58.4	59.9	59.7	59.7	59.1	59.2	59.2	59.2	59.2	59.2	59.4	59.5	59.6	59.9
≥ 16000	7.7	57.7	58.6	59.1	59.2	59.2	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.7	59.8	60.1
≥ 14000	7.7	58.8	59.7	61.2	60.3	61.3	60.4	60.5	60.5	60.5	60.5	60.5	60.6	60.8	60.9	61.2
≥ 12000	8.3	60.3	61.2	61.7	61.8	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.2	62.3	62.4	62.7
≥ 10000	8.6	62.6	63.4	64.0	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.5	64.6	64.9
≥ 9000	8.6	62.9	63.8	64.3	64.4	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.8	64.9	65.1
≥ 8000	9.1	64.3	65.2	65.7	65.9	65.9	66.1	66.3	66.3	66.3	66.3	66.3	66.5	66.6	66.7	66.8
≥ 7000	9.1	65.6	66.5	67.0	67.2	67.2	67.5	67.6	67.6	67.6	67.6	67.6	67.8	68.0	68.2	68.5
≥ 6000	9.1	66.2	67.1	67.6	67.8	67.8	68.2	68.5	68.5	68.5	68.5	68.5	68.6	68.7	68.8	68.9
≥ 5000	9.5	67.7	68.6	69.1	69.4	69.4	69.7	70.0	70.0	70.0	70.0	70.0	70.1	70.2	70.3	70.4
≥ 4500	9.6	69.1	70.1	70.5	70.8	70.8	71.1	71.4	71.4	71.4	71.4	71.4	71.5	71.6	71.7	71.8
≥ 4000	9.7	71.1	72.0	72.6	72.8	72.9	73.2	73.5	73.5	73.5	73.5	73.5	73.7	73.8	73.9	74.0
≥ 3500	10.0	72.3	73.3	73.9	74.1	74.2	74.5	74.8	74.8	74.8	74.8	74.8	74.9	75.1	75.2	75.3
≥ 3000	10.2	73.7	75.1	75.6	75.8	75.9	76.2	76.7	76.7	76.7	76.7	76.7	76.8	76.9	77.0	77.1
≥ 2500	10.2	75.1	76.6	77.3	77.5	77.6	78.1	78.5	78.5	78.5	78.5	78.5	78.6	78.7	78.8	78.9
≥ 2000	10.2	76.3	78.0	78.9	79.4	79.5	80.0	80.4	80.4	80.4	80.4	80.4	80.5	80.6	80.7	80.8
≥ 1800	10.2	76.5	78.2	79.1	79.6	79.7	80.2	80.6	80.6	80.6	80.6	80.6	80.8	80.9	81.0	81.1
≥ 1500	10.2	77.7	79.7	80.6	81.5	81.6	82.2	82.6	82.6	82.6	82.6	82.6	82.7	82.8	82.9	83.0
≥ 1200	10.2	78.6	80.9	82.2	83.1	83.2	83.8	84.2	84.2	84.2	84.2	84.2	84.3	84.4	84.5	84.6
≥ 1000	10.2	79.2	81.9	83.4	84.4	84.5	85.2	85.6	85.6	85.6	85.6	85.6	85.7	85.8	85.9	86.0
≥ 900	10.2	79.4	82.2	83.9	84.9	85.1	85.7	86.1	86.1	86.1	86.1	86.1	86.2	86.3	86.5	86.6
≥ 800	10.2	79.8	83.1	84.9	86.2	86.5	87.2	87.6	87.7	87.7	87.7	87.7	87.8	88.0	88.1	88.2
≥ 700	10.2	80.9	84.3	86.2	88.7	89.0	89.8	90.2	90.3	90.4	90.4	90.4	90.5	90.6	90.8	90.9
≥ 600	10.2	81.4	84.9	87.1	89.8	90.1	91.2	91.7	91.8	91.9	91.9	91.9	92.0	92.2	92.3	92.4
≥ 500	10.2	81.7	85.5	87.6	90.8	91.8	93.1	94.2	94.3	94.4	94.4	94.4	94.5	94.6	94.7	94.8
≥ 400	10.2	81.9	85.9	88.2	91.4	92.6	94.4	96.1	96.2	96.3	96.3	96.3	96.5	96.6	96.7	96.8
≥ 300	10.2	81.9	85.9	88.4	91.8	93.2	95.3	97.1	97.2	97.5	97.5	97.5	97.6	97.7	97.8	98.0
≥ 200	10.2	81.9	85.9	88.7	92.2	93.5	95.6	97.7	97.8	98.2	98.2	98.2	98.3	98.4	98.5	98.6
≥ 100	10.2	81.9	85.9	88.7	92.2	93.5	95.6	97.7	97.8	98.2	98.2	98.2	98.3	98.4	98.5	98.6
≥ 0	10.2	81.9	85.9	88.7	92.2	93.5	95.6	97.7	97.8	98.2	98.2	98.2	98.3	98.4	98.5	98.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14712
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70,73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	7.5	52.0	53.4	53.7	54.0	54.1	54.2	54.3	54.3	54.3	54.4	54.4	54.5	54.6	54.6	54.7
≥ 20000	8.6	55.5	56.5	56.7	57.0	57.1	57.3	57.4	57.4	57.5	57.5	57.6	57.6	57.7	57.8	57.8
≥ 18000	8.7	55.7	56.7	57.0	57.3	57.4	57.6	57.7	57.7	57.7	57.8	57.8	57.9	58.0	58.0	58.1
≥ 16000	8.8	56.0	57.0	57.3	57.6	57.7	57.9	58.0	58.0	58.1	58.1	58.1	58.2	58.3	58.3	58.4
≥ 14000	8.9	56.8	57.8	58.1	58.4	58.5	58.7	58.8	58.8	58.9	59.0	59.0	59.1	59.1	59.2	59.3
≥ 12000	9.3	58.7	59.7	60.0	60.3	60.4	60.6	60.7	60.7	60.8	60.8	60.9	60.9	61.0	61.1	61.1
≥ 10000	9.5	61.3	62.4	62.7	63.0	63.2	63.4	63.5	63.5	63.5	63.6	63.6	63.7	63.8	63.9	63.9
≥ 9000	9.6	62.0	63.0	63.3	63.6	63.8	64.0	64.1	64.1	64.2	64.2	64.3	64.4	64.4	64.5	64.6
≥ 8000	10.1	64.3	65.4	65.8	66.2	66.3	66.5	66.7	66.7	66.8	66.8	66.9	67.0	67.0	67.1	67.2
≥ 7000	10.1	65.8	67.0	67.4	67.8	67.9	68.2	68.3	68.4	68.4	68.5	68.5	68.6	68.7	68.8	68.8
≥ 6000	10.2	67.2	68.5	68.9	69.2	69.4	69.7	69.8	69.9	69.9	70.0	70.0	70.1	70.2	70.2	70.3
≥ 5000	10.4	68.7	70.1	70.6	71.0	71.2	71.4	71.6	71.7	71.7	71.8	71.8	71.9	71.9	72.0	72.1
≥ 4500	10.5	69.8	71.2	71.7	72.1	72.3	72.5	72.7	72.7	72.8	72.9	72.9	73.0	73.0	73.1	73.2
≥ 4000	10.6	71.7	73.3	73.8	74.3	74.6	74.8	75.0	75.1	75.1	75.2	75.2	75.3	75.4	75.4	75.5
≥ 3500	10.7	72.6	74.3	74.9	75.5	75.7	76.0	76.2	76.2	76.3	76.3	76.4	76.5	76.5	76.6	76.7
≥ 3000	10.8	73.8	75.6	76.2	76.9	77.1	77.4	77.6	77.7	77.8	77.9	77.9	78.0	78.0	78.1	78.2
≥ 2500	10.9	75.1	77.2	77.8	78.5	78.8	79.2	79.4	79.5	79.6	79.6	79.7	79.8	79.8	79.9	80.0
≥ 2000	11.0	76.3	78.6	79.4	80.2	80.6	80.9	81.2	81.3	81.3	81.4	81.5	81.6	81.6	81.7	81.8
≥ 1800	11.0	76.6	78.9	79.8	80.6	81.0	81.3	81.6	81.7	81.8	81.9	81.9	82.0	82.0	82.1	82.2
≥ 1500	11.1	77.5	80.0	81.0	82.0	82.3	82.7	83.0	83.1	83.2	83.3	83.3	83.4	83.5	83.6	83.6
≥ 1200	11.1	78.1	81.5	82.7	83.8	84.1	84.6	84.9	85.3	85.2	85.3	85.3	85.4	85.4	85.5	85.6
≥ 1000	11.1	79.6	82.9	84.0	85.1	85.6	86.1	86.4	86.5	86.7	86.8	86.8	86.9	86.9	87.0	87.1
≥ 900	11.1	80.0	83.2	84.4	86.1	86.6	87.1	87.4	87.5	87.7	87.8	87.9	88.0	88.0	88.1	88.2
≥ 800	11.1	80.5	84.7	85.7	87.2	87.8	88.3	88.7	88.9	89.1	89.2	89.3	89.4	89.4	89.5	89.6
≥ 700	11.1	81.1	84.9	86.8	88.7	89.3	89.9	90.4	90.6	90.9	91.0	91.0	91.1	91.2	91.3	91.3
≥ 600	11.1	81.3	85.4	87.6	89.9	90.6	91.4	92.0	92.3	92.6	92.7	92.8	92.9	93.0	93.1	93.1
≥ 500	11.1	81.7	85.9	88.3	91.0	92.1	93.2	94.2	94.5	94.9	95.0	95.1	95.3	95.3	95.4	95.5
≥ 400	11.1	81.9	86.2	88.6	91.5	92.7	94.2	95.6	96.0	96.4	96.7	96.7	96.9	96.9	97.0	97.1
≥ 300	11.1	81.9	86.2	88.8	91.8	93.2	95.0	96.8	97.4	97.5	97.9	97.9	98.1	98.2	98.3	98.4
≥ 200	11.1	81.9	86.2	88.8	91.8	93.2	95.0	96.8	97.4	98.2	98.7	98.8	99.3	99.3	99.4	99.4
≥ 100	11.1	81.9	86.2	88.8	91.8	93.2	95.0	96.8	97.4	98.2	98.7	98.8	99.3	99.3	99.4	99.4
≥ 0	11.1	81.9	86.2	88.8	91.8	93.2	95.0	96.8	97.4	98.2	98.7	98.8	99.3	99.3	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

FEET
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-200
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	8.7	59.9	61.2	61.6	61.6	61.6	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	9.1	61.9	63.2	63.6	63.6	63.6	63.6	63.6	63.9	63.9	63.9	63.9	63.9	64.1	64.2	64.2
IV 18000	9.1	62.2	63.5	63.8	63.8	63.8	63.8	64.1	64.1	64.2	64.2	64.2	64.2	64.3	64.4	64.4
IV 16000	9.1	62.6	63.9	64.3	64.3	64.3	64.3	64.5	64.5	64.7	64.7	64.7	64.7	64.8	64.9	64.9
IV 14000	9.2	63.5	64.8	65.1	65.1	65.1	65.1	65.4	65.4	65.5	65.5	65.5	65.5	65.6	65.7	65.7
IV 12000	9.7	64.7	66.0	66.3	66.3	66.3	66.3	66.5	66.5	66.7	66.7	66.7	66.7	66.8	66.9	66.9
IV 10000	10.9	68.0	69.3	69.6	69.6	69.6	69.6	69.9	69.9	70.0	70.0	70.0	70.0	70.1	70.2	70.2
IV 9000	10.5	68.0	69.3	69.6	69.6	69.6	69.6	69.9	69.9	70.0	70.0	70.0	70.0	70.1	70.2	70.2
IV 8000	10.6	70.4	71.7	72.1	72.1	72.1	72.1	72.3	72.3	72.5	72.5	72.5	72.5	72.6	72.7	72.7
IV 7000	10.9	72.5	73.8	74.1	74.1	74.1	74.1	74.3	74.3	74.5	74.5	74.5	74.5	74.6	74.7	74.7
IV 6000	10.9	73.6	74.9	75.3	75.3	75.3	75.3	75.5	75.5	75.7	75.7	75.7	75.7	75.8	75.9	75.9
IV 5000	10.9	76.2	77.5	78.0	78.0	78.0	78.0	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.6	78.6
IV 4500	11.0	77.3	78.7	79.4	79.4	79.4	79.6	79.8	79.8	79.9	79.9	79.9	79.9	80.0	80.1	80.1
IV 4000	11.1	78.5	80.0	80.7	80.7	80.7	80.9	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.4	81.4
IV 3500	11.1	79.1	80.7	81.4	81.4	81.4	81.6	81.9	81.9	82.0	82.0	82.0	82.0	82.2	82.3	82.3
IV 3000	11.2	80.1	81.8	82.5	82.5	82.5	82.6	83.0	83.0	83.1	83.1	83.1	83.1	83.2	83.3	83.3
IV 2500	11.2	81.6	83.2	83.9	83.9	83.9	84.0	84.4	84.4	84.5	84.5	84.5	84.5	84.6	84.8	84.8
IV 2000	11.5	82.4	84.3	85.0	85.0	85.0	85.1	85.5	85.5	85.6	85.6	85.6	85.6	85.7	85.8	85.8
IV 1800	11.5	82.5	84.4	85.1	85.1	85.1	85.2	85.6	85.6	85.7	85.7	85.7	85.7	85.8	85.9	85.9
IV 1500	11.5	82.7	84.4	85.7	85.7	85.7	85.4	86.5	86.5	86.6	86.6	86.6	86.6	86.9	87.0	87.0
IV 1200	11.5	83.8	86.3	87.2	87.4	87.4	87.6	88.2	88.2	88.3	88.3	88.3	88.3	88.5	88.7	88.7
IV 1000	11.5	84.6	87.5	88.4	88.5	88.5	88.9	89.5	89.5	89.6	89.6	89.6	89.6	89.8	90.0	90.0
IV 900	11.5	85.0	87.9	89.4	89.6	89.7	90.2	90.8	90.8	90.9	90.9	90.9	90.9	91.1	91.3	91.3
IV 800	11.5	85.6	88.7	90.1	90.4	90.5	91.0	91.8	91.8	92.0	92.1	92.2	92.2	92.4	92.6	92.6
IV 700	11.5	85.7	88.9	90.5	91.0	91.3	91.7	92.6	92.6	92.7	92.8	92.9	92.9	93.1	93.3	93.3
IV 600	11.5	86.3	89.5	91.3	92.0	92.6	93.1	94.0	94.0	94.1	94.2	94.3	94.3	94.7	94.8	94.8
IV 500	11.5	86.5	89.7	91.7	92.6	93.1	94.1	95.0	95.0	95.2	95.3	95.4	95.4	95.7	95.9	95.9
IV 400	11.5	86.5	90.0	92.0	92.9	93.6	94.6	95.6	95.7	95.9	96.0	96.1	96.1	96.5	96.7	96.7
IV 300	11.5	86.6	90.1	92.1	93.0	94.0	95.0	96.1	96.9	97.2	97.4	97.5	97.5	98.0	98.3	98.3
IV 200	11.5	86.6	90.1	92.1	93.0	94.0	95.0	96.1	97.2	97.4	97.6	97.8	97.8	98.2	98.6	98.7
IV 100	11.5	86.6	90.1	92.1	93.0	94.0	95.0	96.5	97.5	97.8	98.0	98.1	98.1	98.6	98.9	99.3
IV 0	11.5	86.6	90.1	92.1	93.0	94.2	95.4	96.5	97.5	97.8	98.0	98.1	98.1	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 246

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

658
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

360-USFC
HOURS 15°

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	9.1	55.1	57.8	61.0	61.9	63.9	63.9	63.9	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 20000	9.2	58.3	59.7	61.9	62.8	62.8	62.8	62.8	62.9	63.0	63.1	63.1	63.2	63.2	63.2	63.2
≥ 18000	9.5	58.5	51.2	62.4	63.2	63.2	63.2	63.2	63.4	63.5	63.6	63.6	63.7	63.7	63.7	63.7
IV 16000	9.5	59.1	60.8	63.0	63.8	63.8	63.9	63.9	64.1	64.2	64.3	64.3	64.4	64.4	64.4	64.4
IV 14000	9.7	60.4	62.1	64.3	65.1	65.1	65.2	65.2	65.4	65.5	65.6	65.8	65.7	64.7	65.7	65.7
IV 12000	9.8	61.9	63.7	66.0	66.8	66.8	66.9	66.9	67.0	67.1	67.3	67.3	67.4	67.4	67.4	67.4
IV 10000	10.0	64.2	66.1	68.3	69.1	69.1	69.3	69.3	69.4	69.5	69.6	69.6	69.7	69.7	69.7	69.7
IV 9000	10.0	64.8	66.7	68.9	69.7	69.7	69.9	69.9	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3
IV 8000	10.4	67.3	69.1	71.5	72.3	72.3	72.5	72.5	72.6	72.7	72.8	72.8	72.9	72.9	72.9	72.9
IV 7000	10.5	68.4	70.4	72.9	73.8	73.8	73.9	73.9	74.0	74.1	74.2	74.2	74.3	74.3	74.3	74.3
IV 6000	10.5	69.3	71.3	73.8	74.6	74.6	74.7	74.7	74.8	74.9	75.1	75.1	75.2	75.2	75.2	75.2
IV 5000	10.5	71.7	73.8	76.2	77.1	77.1	77.2	77.2	77.3	77.4	77.5	77.5	77.7	77.7	77.7	77.7
IV 4500	10.5	72.8	75.1	77.8	78.6	78.6	78.7	78.7	78.8	79.0	79.1	79.1	79.2	79.2	79.2	79.2
IV 4000	10.5	74.2	76.8	79.6	80.5	80.5	80.6	80.6	80.7	80.9	81.0	81.0	81.1	81.1	81.1	81.1
IV 3500	10.5	75.2	77.9	80.7	81.7	81.7	81.8	82.2	82.3	82.4	82.5	82.5	82.6	82.6	82.6	82.6
IV 3000	10.5	75.5	78.5	81.3	82.3	82.3	82.4	82.7	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.2
IV 2500	10.5	76.5	79.4	82.4	83.3	83.3	83.5	83.8	83.9	84.7	84.2	84.2	84.3	84.3	84.3	84.3
IV 2000	10.6	78.4	81.6	84.5	85.5	85.5	85.6	85.9	86.1	86.2	86.3	86.3	86.4	86.4	86.4	86.4
IV 1800	10.6	78.5	81.7	84.6	85.6	85.6	85.7	86.1	86.2	86.3	86.4	86.4	86.5	86.5	86.5	86.5
IV 1500	10.6	79.3	82.5	85.6	86.6	86.6	86.9	87.4	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.8
IV 1200	10.6	80.4	83.8	86.9	88.2	88.3	88.4	88.9	89.0	89.1	89.2	89.2	89.4	89.4	89.4	89.4
IV 1000	10.6	80.6	84.2	87.2	88.5	88.7	88.8	89.5	89.6	89.8	90.1	90.1	90.2	90.2	90.2	90.2
IV 900	10.6	80.9	84.4	87.5	88.8	88.9	89.0	89.7	89.8	90.2	90.4	90.5	90.5	90.5	90.5	90.5
IV 800	10.6	81.0	85.1	88.3	89.7	90.1	90.2	90.9	91.1	91.6	91.8	91.8	92.0	92.0	92.0	92.0
IV 700	10.6	81.2	85.5	88.8	90.3	90.7	90.8	91.5	91.7	92.2	92.4	92.4	92.7	92.7	92.7	92.7
IV 600	10.6	81.6	86.2	89.6	91.4	92.0	92.2	92.9	93.1	93.6	93.9	94.0	94.3	94.3	94.3	94.3
IV 500	10.6	81.7	86.3	89.8	91.6	92.4	93.0	94.0	94.2	94.7	94.9	95.0	95.4	95.4	95.5	95.5
IV 400	10.6	81.7	86.3	89.8	91.7	92.9	93.7	95.0	95.4	95.9	96.1	96.2	96.6	96.6	96.7	96.7
IV 300	10.6	81.8	86.5	90.1	92.1	93.3	94.2	96.0	96.7	97.2	97.6	97.8	98.1	98.2	98.5	98.5
IV 200	10.6	81.8	86.5	90.1	92.1	93.3	94.2	96.0	96.7	97.2	97.6	97.8	98.1	98.3	98.6	98.6
IV 100	10.6	81.8	86.5	90.1	92.1	93.3	94.2	96.0	96.7	97.3	97.8	97.9	98.3	99.1	99.4	99.8
IV 0	10.6	81.8	86.5	90.1	92.1	93.3	94.2	96.0	96.8	97.3	97.8	97.9	98.3	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713 SEYMOUR-JOHNSON AFB NC

58-70, 73-79

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1607-0877
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING ≥ 20000	7.7	54.7	56.7	57.7	59.5	59.5	59.5	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 18000	8.2	57.4	60.2	61.1	62.9	63.3	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 16000	9.3	57.9	60.8	61.7	63.5	63.6	63.6	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	6.5	59.2	62.1	63.0	64.8	64.9	64.9	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 12000	8.6	60.0	63.3	63.9	65.7	65.8	65.8	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 10000	8.6	62.3	65.5	66.5	68.3	68.4	68.4	68.8	69.7	69.3	69.7	69.3	69.3	69.3	69.3	69.3
≥ 9000	8.6	62.4	65.6	66.7	68.4	68.6	68.6	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 8000	8.9	66.3	69.5	71.7	72.6	72.7	72.7	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 7000	8.9	66.9	72.4	71.8	73.5	73.6	73.6	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	9.0	68.4	72.3	73.2	75.2	75.3	75.4	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 5000	9.1	70.3	73.9	75.1	77.3	77.4	77.5	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	9.2	71.4	75.2	76.4	78.6	78.7	78.8	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000	9.3	72.5	76.6	77.9	80.3	80.4	80.6	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	9.3	73.2	77.4	78.7	81.1	81.2	81.4	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3000	9.3	73.6	77.9	79.4	82.0	82.2	82.4	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	9.3	74.7	79.1	80.7	83.3	83.5	83.7	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	9.3	75.9	80.5	82.3	85.0	85.1	85.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	9.3	76.1	80.7	82.5	85.6	85.7	86.1	86.3	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	9.3	76.5	81.2	83.2	86.3	86.4	86.8	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200	9.3	77.2	81.9	83.9	87.0	87.1	87.5	88.4	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1000	9.3	77.7	82.5	84.8	87.8	87.9	88.4	89.2	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 900	9.3	77.9	82.9	85.1	88.2	88.3	89.0	89.8	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 800	9.3	77.9	83.0	85.3	88.5	88.8	89.5	90.7	91.0	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 700	9.3	78.3	83.7	86.3	89.8	90.2	91.0	92.2	92.6	92.9	93.7	93.0	93.3	93.3	93.4	93.4
≥ 600	9.3	76.6	84.2	86.8	90.4	90.8	91.6	92.8	93.1	93.5	93.6	93.6	93.6	93.9	94.0	94.0
≥ 500	9.3	78.7	84.4	87.1	91.1	91.7	92.9	94.3	94.7	95.0	95.2	95.2	95.2	95.4	95.5	95.5
≥ 400	9.3	78.8	84.6	87.4	91.6	92.3	93.6	95.3	95.9	96.3	96.6	96.6	96.6	96.8	97.0	97.0
≥ 300	9.3	78.8	84.8	87.5	91.8	92.6	93.9	96.0	96.7	97.4	97.9	97.9	97.9	98.1	98.3	98.3
≥ 200	9.3	78.8	84.8	87.6	92.0	92.8	94.1	96.3	97.3	97.9	98.3	98.3	98.7	99.1	99.3	99.3
≥ 100	9.3	78.8	84.8	87.6	92.0	92.8	94.1	96.3	97.3	97.9	98.3	98.5	98.5	98.9	99.8	100.0
≥ 0	9.3	78.8	84.8	87.6	92.0	92.8	94.1	96.3	97.3	97.9	98.3	98.5	98.5	98.9	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 845

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1955-1979
YEARS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	10.3	56.4	57.7	57.1	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 20000	10.3	59.9	60.5	60.6	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 18000	10.3	55.6	61.2	61.3	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 16000	10.3	61.2	61.8	61.9	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 14000	10.3	62.3	63.2	63.5	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 12000	10.3	64.3	65.0	65.4	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 10000	10.3	67.6	68.3	68.7	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 9000	10.3	68.7	69.4	69.7	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 8000	11.0	71.5	72.3	72.7	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 7000	11.2	72.8	73.9	74.2	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 6000	11.3	73.9	74.9	75.3	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 5000	11.3	75.9	77.7	77.3	78.5	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 4500	11.3	76.8	77.9	78.3	79.4	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 4000	11.5	75.4	79.4	79.8	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.7	81.7	81.7	81.7	81.7
IV 3500	11.5	78.3	80.0	80.5	81.8	82.0	82.0	82.2	82.2	82.2	82.2	82.5	82.5	82.5	82.5	82.5
IV 3000	11.5	79.8	81.0	81.4	82.9	83.1	83.1	83.3	83.3	83.3	83.3	83.8	83.8	83.8	83.8	83.8
IV 2500	11.5	80.0	81.3	81.8	83.3	83.6	83.6	83.9	84.0	84.0	84.0	84.5	84.5	84.5	84.5	84.5
IV 2000	11.5	81.2	82.5	83.0	84.6	84.9	85.1	85.6	85.7	85.7	85.7	86.2	86.2	86.2	86.2	86.2
IV 1800	11.5	81.3	82.6	83.1	84.8	85.0	85.2	85.7	85.8	85.8	85.8	86.3	86.3	86.3	86.3	86.3
IV 1600	11.5	82.2	83.6	84.2	85.8	86.4	86.8	87.2	87.4	87.4	87.4	87.8	87.8	87.8	87.8	87.8
IV 1400	11.5	82.6	84.0	84.8	85.5	87.2	87.6	88.1	88.2	88.2	88.2	88.7	88.7	88.7	88.7	88.7
IV 1200	11.8	83.1	84.5	85.3	87.1	87.9	88.3	88.9	89.0	89.0	89.0	89.5	89.5	89.5	89.5	89.5
IV 1000	11.8	83.3	84.9	85.8	87.6	88.4	88.8	89.4	89.5	89.5	89.5	90.2	90.3	90.3	90.3	90.3
IV 900	11.8	83.5	85.1	86.2	88.1	89.0	89.5	90.2	90.3	90.3	90.4	91.1	91.3	91.3	91.3	91.3
IV 800	11.8	83.8	85.7	87.1	89.1	90.3	91.0	91.7	91.8	92.0	92.7	92.8	92.8	92.8	92.8	92.8
IV 700	11.8	83.9	86.3	87.8	90.0	91.5	92.3	93.1	93.3	93.4	94.1	94.2	94.2	94.2	94.2	94.2
IV 600	11.8	83.9	86.6	88.5	90.9	92.8	94.0	95.3	95.4	95.5	96.2	96.3	96.3	96.3	96.3	96.3
IV 500	11.8	84.0	86.8	89.0	91.5	93.6	94.9	96.3	96.5	96.6	97.3	97.4	97.4	97.4	97.4	97.4
IV 400	11.8	84.0	87.0	89.2	92.1	94.4	95.9	97.3	97.6	97.6	98.0	98.8	98.8	98.8	98.8	98.8
IV 300	11.8	84.0	87.0	89.2	92.1	94.4	95.9	97.3	97.6	97.6	98.0	98.8	98.8	98.8	98.8	98.8
IV 200	11.8	84.0	87.0	89.2	92.1	94.4	95.9	97.3	97.6	97.6	98.0	98.8	98.8	98.8	98.8	98.8
IV 100	11.8	84.0	87.0	89.2	92.1	94.4	95.9	97.3	97.6	97.6	98.0	98.8	98.8	98.8	98.8	98.8
IV 0	11.8	84.0	87.0	89.2	92.1	94.4	95.9	97.3	97.6	97.6	98.0	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 846

JOINT CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713 STATION NAME MOORE-JOHNSON AFB NC

68-70, 73-79

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1277-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	11.6	56.3	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 20000	12.2	60.6	61.5	61.5	61.6	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 13000	12.2	61.3	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 10000	12.3	61.9	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 14000	12.8	63.6	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 12000	12.9	66.1	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 10000	13.1	68.0	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 9000	13.3	69.3	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 8000	13.4	72.1	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 7000	13.5	73.3	74.0	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 6000	13.6	74.9	75.7	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	13.7	76.5	77.3	77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4500	13.8	77.0	77.8	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	13.8	78.1	79.0	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	13.8	79.3	80.1	80.1	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3000	13.9	81.6	82.5	82.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500	13.9	82.3	83.7	83.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	13.8	83.9	84.9	84.9	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1800	13.8	83.9	85.3	85.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1500	13.9	84.8	86.2	86.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1200	13.9	85.9	87.7	87.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	13.9	86.4	88.2	88.2	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 900	13.9	86.8	88.5	88.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	13.9	87.7	89.7	89.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 700	13.9	87.9	90.2	90.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 600	14.1	86.3	90.8	90.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 500	14.1	88.7	91.3	91.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 400	14.1	88.8	91.4	91.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 300	14.1	88.8	91.4	91.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 200	14.1	88.8	91.4	91.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 100	14.1	88.8	91.4	91.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 0	14.1	88.8	91.4	91.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
214 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1973 STATION
SEYMOUR-JOHNSON AFB TX

63-70, 73-79

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	11.3	56.2	58.3	58.4	59.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 20000	17.3	61.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 3000	12.9	62.5	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 17000	12.9	62.6	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 14000	12.9	64.7	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 12000	13.1	66.4	66.5	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 10000	13.1	68.4	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 9000	13.1	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 8000	13.1	73.2	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 7000	13.5	75.2	75.3	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 6000	13.6	76.7	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 5000	13.6	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 4500	13.6	78.5	78.6	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 4000	13.7	80.5	80.6	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 3500	13.7	81.9	82.0	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 3000	13.7	83.6	83.8	84.2	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 2500	13.7	84.9	85.3	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 2000	13.7	86.3	86.9	88.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1800	13.7	86.4	87.0	88.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1500	14.1	87.2	87.8	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1200	14.1	88.2	88.8	90.2	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 1000	14.1	88.7	89.2	90.7	91.8	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 900	14.1	88.8	89.4	90.8	92.0	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 800	14.1	89.1	90.0	91.4	92.7	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 700	14.1	89.4	90.2	91.6	93.3	94.4	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 600	14.1	90.0	90.9	92.4	94.2	95.4	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 500	14.1	90.1	91.3	92.8	94.6	95.9	96.5	96.6	96.8	97.0	97.3	97.3	97.3	97.3	97.3	97.3
IV 400	14.1	90.3	91.5	93.3	95.2	96.5	97.0	97.5	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2
IV 300	14.1	90.3	91.6	93.5	95.4	96.7	97.3	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
IV 200	14.1	90.3	91.6	93.5	95.4	96.7	97.3	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
IV 100	14.1	90.3	91.6	93.5	95.4	96.7	97.3	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
IV 0	14.1	90.3	91.6	93.5	95.4	96.7	97.3	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713

SEYMOUR-JOHNSON AFB NC

63-70, 73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1877-79
NO. OF OBS.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	11.4	61.3	61.7	62.1	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 20000	11.5	64.4	64.8	65.1	65.4	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 18000	11.5	64.8	65.1	65.5	65.7	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 16000	11.6	65.2	65.6	66.0	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	11.6	66.5	67.1	67.5	67.7	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 12000	11.6	67.5	68.1	68.4	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 10000	12.1	69.7	70.3	70.7	70.9	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	12.1	71.2	71.9	72.2	72.5	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 8000	12.4	73.8	74.5	74.8	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 7000	12.5	74.8	75.5	75.9	76.1	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 6000	12.5	76.5	77.2	77.5	77.8	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 5000	12.6	78.3	79.0	79.3	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	12.8	79.0	79.7	80.0	80.4	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	12.9	81.7	82.4	82.7	83.1	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3500	12.9	82.4	83.3	84.0	84.4	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	12.9	83.5	84.0	84.9	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2500	12.9	83.6	85.6	86.4	87.1	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000	12.9	84.8	87.3	88.1	88.9	89.0	89.4	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.8	89.8
≥ 1800	12.9	84.9	87.1	88.2	89.0	89.1	89.5	89.6	89.6	89.7	89.8	89.8	89.8	89.8	90.0	90.0
≥ 1500	12.9	85.1	87.5	88.5	89.4	89.5	89.8	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.3	90.3
≥ 1200	12.9	85.6	88.2	89.2	90.3	90.5	90.9	91.0	91.0	91.1	91.3	91.3	91.4	91.4	91.6	91.6
≥ 1000	13.0	86.1	89.0	90.2	91.3	91.5	92.0	92.1	92.1	92.2	92.3	92.3	92.3	92.6	92.6	92.8
≥ 900	13.0	86.2	89.1	90.3	91.6	91.8	92.3	92.4	92.6	92.7	92.8	92.8	93.0	93.0	93.3	93.3
≥ 800	13.0	86.3	89.2	90.7	92.1	92.3	92.9	93.3	93.4	93.5	93.6	93.6	93.9	93.9	94.2	94.2
≥ 700	13.0	86.6	89.6	91.0	92.7	93.1	94.0	94.4	94.7	94.8	94.9	94.9	95.2	95.2	95.5	95.5
≥ 600	13.0	87.0	90.0	91.4	93.4	93.9	94.7	95.3	95.5	95.6	95.7	95.7	96.0	96.0	96.3	96.3
≥ 500	13.0	87.2	90.4	91.8	94.0	94.4	95.4	96.2	96.6	96.8	96.9	96.9	97.2	97.2	97.5	97.5
≥ 400	13.0	87.2	90.4	92.0	94.4	95.1	96.1	96.9	97.4	97.6	97.8	97.8	98.0	98.0	98.3	98.3
≥ 300	13.0	87.2	90.4	92.0	94.6	95.3	96.5	97.5	98.2	98.7	98.8	98.8	99.1	99.1	99.5	99.5
≥ 200	13.0	87.2	90.4	92.0	94.7	95.4	96.7	97.9	98.6	99.1	99.3	99.3	99.5	99.5	100.0	100.0
≥ 100	13.0	87.2	90.4	92.0	94.7	95.4	96.7	97.9	98.6	99.1	99.3	99.3	99.5	99.5	100.0	100.0
≥ 0	13.0	87.2	90.4	92.0	94.7	95.4	96.7	97.9	98.6	99.1	99.3	99.3	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21.00-23.00
HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	9.7	62.2	62.4	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥20000	10.3	64.4	64.7	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥18000	10.4	64.5	64.8	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥16000	10.4	65.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥14000	10.4	65.7	66.0	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥12000	11.1	66.9	67.1	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥10000	11.2	68.6	69.1	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥9000	11.2	69.6	70.0	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥8000	11.2	71.9	72.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥7000	11.3	73.2	73.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥6000	11.6	75.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥5000	11.9	73.3	78.0	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥4500	11.9	79.0	79.3	80.6	80.7	80.7	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥4000	11.9	80.3	80.6	81.9	82.0	82.0	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥3500	11.9	81.6	82.5	83.5	83.6	83.6	83.9	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3
≥3000	12.2	82.5	83.1	84.5	84.6	84.6	85.0	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3
≥2500	12.3	83.5	84.7	85.5	85.6	85.6	85.9	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3
≥2000	12.3	84.4	85.1	86.5	86.6	86.6	87.5	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8
≥1800	12.3	84.5	85.2	86.6	86.6	86.6	87.6	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9
≥1500	12.4	85.2	85.9	87.5	87.7	87.8	88.5	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9
≥1200	12.6	85.6	86.4	87.9	88.2	88.4	89.1	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5
≥1000	12.6	85.9	87.1	88.9	89.4	89.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8
≥900	12.6	86.1	87.5	89.4	90.3	90.8	91.7	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2
≥800	12.6	86.5	87.7	89.8	90.9	91.4	92.3	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0
≥700	12.6	86.6	87.9	90.2	91.4	92.1	93.1	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0
≥600	12.6	86.5	88.3	90.5	92.1	92.9	94.2	94.9	94.9	94.9	95.0	95.2	95.2	95.2	95.2	95.2
≥500	12.6	87.0	88.5	91.1	93.7	94.0	95.4	96.1	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3
≥400	12.6	87.1	88.7	91.3	93.5	94.6	96.1	97.2	97.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5
≥300	12.6	87.1	88.7	91.3	93.5	94.7	96.2	97.6	97.8	97.8	98.1	98.3	98.3	98.3	98.3	98.3
≥200	12.6	87.1	88.7	91.3	93.6	95.0	96.6	98.1	98.2	98.2	98.6	98.8	98.8	98.8	98.8	98.8
≥100	12.6	87.1	88.7	91.3	93.6	95.2	96.8	98.3	98.5	98.5	98.8	99.1	99.1	99.1	99.1	99.1
≥0	12.6	87.1	88.7	91.3	93.6	95.2	96.8	98.3	98.5	98.5	98.8	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

EYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	9.9	56.1	59.3	59.6	60.1	60.1	60.2	60.2	60.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	10.4	61.0	62.0	62.6	63.1	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 18000	10.5	61.5	62.5	63.1	63.5	63.5	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000	10.6	62.0	63.0	63.6	64.1	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	10.7	63.3	64.3	64.9	65.4	65.4	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
≥ 12000	10.9	64.7	65.8	66.4	66.9	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000	11.2	67.1	68.2	68.9	69.4	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7
≥ 9000	11.2	68.3	69.1	69.8	70.2	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6
≥ 8000	11.4	70.8	71.9	72.7	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5
≥ 7000	11.6	72.1	73.4	74.1	74.7	74.7	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.1
≥ 6000	11.7	73.6	74.9	75.6	76.2	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6
≥ 5000	11.7	75.7	76.9	77.7	78.4	78.5	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4500	11.8	76.5	77.8	78.6	79.3	79.4	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8
≥ 4000	11.9	78.0	79.4	80.3	81.0	81.1	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.6
≥ 3500	11.8	78.9	80.5	81.4	82.2	82.3	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.8	82.8	82.8
≥ 3000	11.9	80.0	81.6	82.6	83.6	83.6	83.8	84.2	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 2500	11.9	80.9	82.7	83.8	84.8	84.9	85.0	85.3	85.3	85.4	85.4	85.4	85.4	85.5	85.5	85.5
≥ 2000	12.0	82.1	84.1	85.3	86.4	86.5	86.8	87.0	87.1	87.1	87.2	87.2	87.3	87.3	87.4	87.4
≥ 1800	12.0	82.3	84.3	85.5	86.7	86.8	87.0	87.3	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.6
≥ 1500	12.1	82.9	84.9	86.3	87.5	87.7	88.0	88.3	88.4	88.4	88.5	88.5	88.5	88.6	88.7	88.7
≥ 1200	12.1	83.7	85.9	87.3	88.7	89.0	89.3	89.6	89.7	89.8	89.8	89.9	89.9	90.0	90.0	90.0
≥ 1000	12.1	84.1	86.5	88.1	89.5	89.8	90.2	90.6	90.6	90.7	90.9	90.9	90.9	91.0	91.1	91.1
≥ 900	12.1	84.4	86.8	88.5	90.0	90.4	90.8	91.2	91.3	91.4	91.6	91.7	91.7	91.8	91.9	91.9
≥ 800	12.1	84.7	87.3	89.1	90.7	91.2	91.7	92.2	92.4	92.5	92.7	92.8	92.8	93.0	93.1	93.1
≥ 700	12.1	84.9	87.7	89.6	91.4	92.1	92.6	93.2	93.4	93.5	93.8	93.8	93.9	94.0	94.2	94.2
≥ 600	12.1	85.3	88.3	90.2	92.2	93.0	93.7	94.4	94.5	94.7	94.9	95.0	95.1	95.3	95.4	95.4
≥ 500	12.1	85.5	88.6	90.7	92.9	93.8	94.7	95.6	95.8	96.0	96.2	96.3	96.4	96.6	96.7	96.7
≥ 400	12.1	85.6	88.7	91.0	93.3	94.4	95.4	96.5	96.7	96.9	97.2	97.3	97.4	97.6	97.8	97.8
≥ 300	12.1	85.8	88.8	91.1	93.5	94.7	95.8	97.1	97.6	97.9	98.3	98.4	98.5	98.7	99.0	99.1
≥ 200	12.1	85.6	88.8	91.1	93.6	94.8	95.9	97.3	97.8	98.1	98.5	98.6	98.7	99.0	99.4	99.4
≥ 100	12.1	85.8	88.8	91.1	93.6	94.9	96.0	97.3	97.8	98.2	98.6	98.7	98.9	99.3	99.6	99.8
≥ 0	12.1	85.6	88.8	91.1	93.6	94.9	96.0	97.3	97.8	98.2	98.6	98.7	98.9	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
ETAC
AF WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

10713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

69-70, 73-79
YEARS

4AC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-0000
HOURS (LT)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	5.6	58.4	59.7	60.1	60.2	60.3	60.5	60.5	60.8	60.9	60.9	60.9	60.9	61.1	61.2	61.3
≥ 20000	9.0	61.8	63.1	63.5	63.7	63.8	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.5	64.6	64.8
≥ 18000	9.1	61.9	63.2	63.7	63.8	63.9	64.1	64.1	64.3	64.4	64.4	64.4	64.4	64.5	64.7	64.9
≥ 16000	9.2	62.4	63.7	64.1	64.2	64.3	64.5	64.5	64.7	64.8	64.8	64.8	64.8	65.1	65.2	65.4
≥ 14000	9.3	63.5	65.3	65.7	65.8	65.9	66.1	66.1	66.3	66.5	66.5	66.5	66.5	66.7	66.8	67.0
≥ 12000	9.8	64.6	66.3	66.8	66.9	67.0	67.2	67.2	67.4	67.5	67.5	67.5	67.5	67.7	67.8	68.0
≥ 10000	9.8	67.5	69.2	69.7	69.8	69.9	70.1	70.1	70.3	70.4	70.4	70.4	70.4	70.6	70.9	71.0
≥ 9000	9.8	67.8	69.6	70.0	70.1	70.2	70.4	70.4	70.6	70.8	70.8	70.8	70.8	71.0	71.1	71.3
≥ 8000	9.9	69.5	71.3	71.7	71.8	71.9	72.2	72.2	72.4	72.5	72.5	72.5	72.5	72.7	72.8	73.0
≥ 7000	10.1	71.7	72.8	73.4	73.5	73.7	73.9	73.9	74.1	74.2	74.2	74.2	74.2	74.4	74.5	74.7
≥ 6000	10.1	72.4	74.2	74.8	74.9	75.1	75.3	75.3	75.5	75.6	75.6	75.6	75.6	75.8	75.9	76.1
≥ 5000	10.1	75.2	77.1	77.6	77.7	77.8	78.1	78.1	78.3	78.4	78.4	78.4	78.4	78.6	78.7	78.9
≥ 4500	10.2	75.6	77.4	78.2	78.3	78.4	78.6	78.6	78.8	78.9	78.9	78.9	78.9	79.1	79.2	79.5
≥ 4000	10.2	76.8	78.9	79.7	79.8	79.9	80.1	80.1	80.3	80.4	80.4	80.4	80.4	80.6	80.9	81.0
≥ 3500	10.2	77.2	79.8	80.8	80.9	81.0	81.2	81.2	81.4	81.5	81.5	81.5	81.5	81.7	81.8	82.0
≥ 3000	10.3	78.0	80.6	81.8	82.3	82.4	82.6	82.6	82.8	82.9	82.9	82.9	82.9	83.1	83.2	83.4
≥ 2500	10.3	78.9	81.7	82.9	83.3	83.5	83.8	83.8	84.0	84.1	84.1	84.1	84.1	84.3	84.4	84.6
≥ 2000	10.5	79.5	82.7	83.9	84.4	84.6	84.8	84.8	85.1	85.2	85.2	85.2	85.2	85.4	85.5	85.7
≥ 1800	10.5	79.5	82.7	83.9	84.4	84.6	84.8	84.8	85.1	85.2	85.2	85.2	85.2	85.4	85.5	85.7
≥ 1500	10.8	80.3	83.8	85.1	85.6	85.9	86.1	86.1	86.3	86.5	86.5	86.5	86.5	86.7	86.8	87.0
≥ 1200	10.8	80.9	84.4	85.9	86.6	86.9	87.1	87.1	87.3	87.4	87.4	87.4	87.4	87.6	87.7	87.9
≥ 1000	10.8	81.5	85.4	87.0	87.6	88.0	88.2	88.2	88.4	88.5	88.5	88.5	88.5	88.7	88.8	89.0
≥ 900	10.9	81.7	85.7	87.3	88.1	88.6	88.8	88.8	89.1	89.2	89.2	89.2	89.2	89.5	89.6	89.8
≥ 800	10.9	82.2	86.2	88.0	88.7	89.4	90.0	90.0	90.3	90.4	90.4	90.4	90.4	90.6	90.8	90.9
≥ 700	10.9	82.4	86.6	88.3	89.4	90.0	90.8	90.8	91.2	91.3	91.3	91.3	91.3	91.5	91.6	91.8
≥ 600	10.9	82.8	87.0	88.8	89.9	90.5	91.6	91.8	92.3	92.4	92.4	92.4	92.4	92.6	92.7	92.9
≥ 500	10.9	82.9	87.2	89.2	90.5	91.3	92.5	92.9	93.3	93.4	93.4	93.4	93.4	93.7	93.8	94.0
≥ 400	10.9	82.9	87.3	89.8	91.1	92.2	94.2	95.2	95.6	95.7	95.7	95.7	95.7	95.9	96.0	96.2
≥ 300	10.9	83.0	87.4	89.9	91.3	92.5	94.9	96.0	96.5	96.7	96.7	96.7	96.7	97.0	97.1	97.3
≥ 200	10.9	83.0	87.4	89.9	91.3	92.5	95.3	96.5	97.3	97.5	97.5	97.5	97.5	97.8	98.2	98.5
≥ 100	10.9	83.0	87.4	89.9	91.3	92.5	95.3	96.7	97.5	97.8	97.8	97.8	97.8	98.1	98.2	98.7
≥ 0	10.9	83.0	87.4	89.9	91.3	92.5	95.3	96.7	97.5	97.8	97.8	97.8	97.8	98.1	98.2	98.7

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

66-70, 73-79
YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

330-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	6.9	52.8	55.5	56.5	57.1	57.1	57.1	57.3	57.4	57.6	57.8	57.8	58.1	58.1	58.1	58.1
≥ 20000	7.3	56.9	59.6	61.8	61.5	61.5	61.5	61.7	61.8	62.2	62.4	62.4	62.6	62.7	62.7	62.8
≥ 18000	7.5	57.6	60.3	61.5	62.3	62.3	62.3	62.5	62.6	62.9	63.2	63.2	63.4	63.5	63.5	63.7
≥ 16000	7.6	58.7	60.6	61.8	62.6	62.6	62.6	62.8	62.9	63.2	63.5	63.5	63.8	63.9	63.9	64.0
≥ 14000	8.1	58.5	61.2	62.4	63.1	63.1	63.1	63.3	63.4	63.8	64.1	64.1	64.3	64.4	64.4	64.5
≥ 12000	8.1	59.0	61.7	62.9	63.7	63.7	63.7	63.9	64.1	64.3	64.5	64.6	64.8	64.9	64.9	65.1
≥ 10000	8.1	61.3	64.4	65.6	66.3	66.3	66.3	66.6	66.7	67.0	67.3	67.3	67.5	67.6	67.6	67.7
≥ 9000	8.1	61.5	64.5	65.8	66.6	66.6	66.6	66.8	66.9	67.2	67.5	67.5	67.7	67.8	67.8	68.0
≥ 8000	8.2	62.9	66.1	67.2	68.0	68.0	68.0	68.2	68.3	68.6	68.9	68.9	69.1	69.2	69.2	69.4
≥ 7000	8.3	63.9	67.7	68.2	68.9	68.9	68.9	69.1	69.2	69.6	69.9	69.9	70.1	70.2	70.2	70.3
≥ 6000	8.3	64.3	67.4	68.6	69.4	69.5	69.5	69.7	69.8	70.1	70.4	70.4	70.6	70.8	70.8	70.9
≥ 5000	8.3	65.7	69.4	70.6	71.8	71.9	71.9	72.2	72.3	72.6	72.9	72.9	73.1	73.2	73.2	73.3
≥ 4500	8.4	66.8	70.4	71.7	72.9	73.0	73.0	73.2	73.3	73.7	74.0	74.0	74.2	74.3	74.3	74.4
≥ 4000	8.6	68.3	72.7	74.2	75.5	75.6	75.6	75.8	75.9	76.2	76.5	76.6	76.8	76.9	76.9	77.0
≥ 3500	8.6	68.8	73.3	74.8	76.1	76.2	76.2	76.5	76.6	76.9	77.2	77.2	77.4	77.5	77.5	77.6
≥ 3000	8.6	70.0	74.5	76.2	77.5	77.6	77.6	77.8	78.0	78.3	78.6	78.6	78.8	78.9	78.9	79.0
≥ 2500	8.8	71.2	75.9	77.7	79.0	79.1	79.1	79.4	79.5	79.8	80.1	80.1	80.3	80.4	80.5	80.5
≥ 2000	8.8	71.4	76.6	78.5	80.0	80.1	80.2	80.4	80.5	80.9	81.2	81.2	81.4	81.5	81.5	81.6
≥ 1800	8.8	71.9	76.9	78.6	80.3	80.4	80.5	80.8	80.9	81.2	81.5	81.5	81.7	81.8	81.8	81.9
≥ 1500	8.8	72.6	77.6	79.8	81.3	81.4	81.6	81.8	81.9	82.3	82.7	82.7	82.9	83.0	83.0	83.1
≥ 1200	8.8	73.8	79.1	81.7	83.5	83.7	84.0	84.3	84.4	84.8	85.3	85.3	85.5	85.6	85.6	85.7
≥ 1000	8.9	74.0	79.5	82.0	83.9	84.1	84.4	84.8	84.9	85.4	85.8	85.8	86.0	86.1	86.1	86.2
≥ 900	8.9	74.4	80.0	82.7	84.6	84.9	85.3	85.7	85.8	86.2	86.7	86.7	86.9	87.0	87.0	87.1
≥ 800	8.9	74.7	80.4	83.1	85.2	85.7	86.1	86.6	86.7	87.1	87.5	87.5	87.7	87.8	87.8	88.0
≥ 700	8.9	74.8	80.8	83.5	85.9	86.6	87.0	87.4	87.5	88.0	88.4	88.4	88.6	88.7	88.7	88.8
≥ 600	8.9	74.8	80.8	84.0	86.7	87.3	87.7	88.3	88.4	89.0	89.5	89.5	89.7	89.8	89.8	89.9
≥ 500	8.9	75.4	81.4	84.6	87.4	88.4	89.5	90.1	90.3	91.0	91.4	91.4	91.6	91.7	91.7	91.9
≥ 400	8.9	75.5	81.5	84.9	88.0	89.0	91.2	91.9	92.2	92.9	93.3	93.3	93.5	93.7	93.7	93.9
≥ 300	8.9	75.9	81.9	85.1	88.3	89.7	92.5	93.8	94.0	94.7	95.2	95.2	95.4	95.5	95.5	95.7
≥ 200	8.9	75.5	81.5	85.2	88.4	89.9	92.7	94.5	94.9	96.0	96.6	96.6	96.8	96.9	97.2	97.5
≥ 100	8.9	75.9	81.9	85.2	88.4	89.9	92.7	94.5	94.9	96.0	97.1	97.1	97.4	97.6	98.7	99.5
≥ 0	8.9	75.9	81.5	85.2	88.4	89.9	92.7	94.5	94.9	96.0	97.1	97.1	97.4	97.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 330

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

66-70, 73-79
YEARS

MAP
LONG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-0500
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	4.9	45.5	46.3	49.6	57.3	50.5	50.9	51.1	51.3	51.4	51.5	51.5	51.5	51.6	51.6	51.3
≥ 20000	5.4	48.4	51.5	52.9	53.9	54.7	54.3	54.5	54.8	54.9	55.1	55.1	55.1	55.2	55.2	55.5
IV 18000	5.4	48.8	51.9	53.3	54.2	54.4	54.7	54.9	55.3	55.5	55.5	55.6	55.6	55.7	55.8	56.1
IV 16000	5.4	49.1	52.3	53.7	54.5	54.7	55.1	55.3	55.6	55.8	55.9	55.9	55.9	56.1	56.1	56.5
IV 14000	5.7	50.4	53.5	54.9	55.9	56.1	56.5	56.7	57.1	57.2	57.3	57.3	57.3	57.4	57.5	57.8
IV 12000	6.5	53.5	56.7	58.1	59.0	59.2	59.6	59.8	60.1	60.3	60.4	60.4	60.4	60.5	60.6	61.0
IV 10000	6.6	56.2	59.9	61.4	62.6	62.9	63.2	63.4	63.8	64.0	64.1	64.1	64.1	64.2	64.3	64.6
IV 8000	6.6	59.1	62.3	63.8	64.9	65.3	65.6	65.8	66.2	66.5	66.6	66.6	66.6	66.7	66.8	67.1
IV 7000	6.6	60.7	63.1	64.6	65.8	66.1	66.5	66.7	67.1	67.3	67.4	67.4	67.4	67.5	67.6	68.0
IV 6000	6.7	60.8	63.9	65.4	66.8	66.9	67.2	67.5	68.0	68.2	68.3	68.3	68.3	68.4	68.5	68.8
IV 5000	6.8	61.9	65.6	67.3	68.6	68.9	69.2	69.6	70.0	70.2	70.3	70.3	70.3	70.4	70.5	70.9
IV 4500	7.1	62.6	66.5	68.2	69.5	69.8	70.1	70.4	70.9	71.1	71.2	71.2	71.2	71.3	71.4	71.7
IV 4000	7.1	63.5	67.4	69.2	70.8	71.1	71.4	71.7	72.2	72.4	72.5	72.5	72.5	72.6	72.7	73.0
IV 3500	7.2	64.2	68.1	70.2	71.9	72.4	72.7	73.0	73.4	73.7	73.8	73.8	73.8	73.9	74.0	74.3
IV 3000	7.3	65.1	69.4	71.8	73.5	74.0	74.3	74.6	75.1	75.3	75.5	75.5	75.5	75.6	75.7	76.1
IV 2500	7.3	65.9	70.4	73.1	74.9	75.5	75.8	76.1	76.6	76.8	77.0	77.0	77.0	77.1	77.2	77.5
IV 2000	7.3	66.2	70.9	73.7	75.5	76.2	76.6	76.9	77.3	77.5	77.7	77.7	77.7	77.8	78.0	78.3
IV 1800	7.3	67.2	71.8	74.8	76.7	77.4	77.7	78.1	78.5	78.7	78.9	78.9	78.9	79.0	79.1	79.5
IV 1500	7.3	68.1	72.9	75.9	77.7	78.5	78.9	79.2	79.7	79.9	80.1	80.1	80.1	80.2	80.3	80.6
IV 1200	7.6	69.8	75.3	78.3	81.1	80.9	81.3	81.7	82.2	82.4	82.6	82.6	82.7	82.8	82.9	83.3
IV 1000	7.7	70.4	76.0	79.1	81.0	81.7	82.2	82.6	83.1	83.3	83.5	83.5	83.8	83.9	84.0	84.4
IV 900	8.0	71.1	76.7	79.9	81.7	82.5	82.9	83.4	84.0	84.2	84.4	84.4	84.6	84.7	84.8	85.3
IV 800	8.0	71.5	77.1	80.3	82.2	82.9	83.3	83.9	84.4	84.6	84.8	84.8	85.1	85.2	85.4	85.8
IV 700	8.0	71.7	77.5	81.0	83.0	83.8	84.2	84.7	85.3	85.5	85.7	85.7	85.9	86.0	86.2	86.7
IV 600	8.0	72.2	78.0	81.5	84.0	84.8	85.3	85.9	86.5	86.7	86.9	86.9	87.3	87.4	87.6	88.1
IV 500	8.0	72.5	78.6	82.4	85.1	86.2	86.8	87.6	88.3	88.6	88.8	88.8	89.2	89.4	89.6	90.0
IV 400	8.1	72.7	79.7	83.1	86.0	87.3	88.4	89.6	90.3	90.6	91.1	91.1	91.5	91.6	91.8	92.3
IV 300	8.1	72.7	79.7	83.1	86.2	87.5	88.8	90.1	91.0	91.6	92.3	92.4	92.9	93.1	93.5	94.4
IV 200	8.1	72.7	79.7	83.1	86.3	87.6	89.0	90.9	92.0	92.8	93.7	93.9	94.9	95.5	96.0	97.2
IV 100	8.1	72.7	79.7	83.1	86.3	87.6	89.0	91.0	92.3	93.0	94.1	94.3	95.7	96.6	97.8	99.4
IV 0	8.1	72.7	79.7	83.1	86.3	87.6	89.0	91.0	92.3	93.0	94.1	94.3	95.7	96.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS

937

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12713 STATION SEYMOUR-JOHNSON AFB NC

68-70,73-79

MAP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1907-1908
HOURS 151

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	7.3	54.5	54.9	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	7.8	58.2	58.6	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000	8.1	58.6	59.1	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 16000	8.1	58.6	59.1	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 14000	8.3	59.4	59.8	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 12000	8.5	61.3	61.7	61.9	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 10000	8.9	64.3	64.7	64.9	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 8000	9.1	65.2	65.5	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 7000	9.1	67.5	68.1	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 6000	9.4	68.8	69.5	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 5000	9.6	69.7	70.4	70.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4500	9.8	70.5	71.3	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4000	9.9	72.6	73.3	73.9	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3500	9.9	73.3	74.1	74.6	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000	9.9	74.2	75.1	75.8	76.2	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2500	9.9	74.6	75.5	76.5	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2000	10.1	76.2	77.1	78.1	78.5	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1800	10.1	76.7	77.5	78.5	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1500	10.1	78.2	79.4	80.4	80.9	81.4	81.7	81.8	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1200	10.4	80.4	81.7	83.1	83.4	84.1	84.5	84.6	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1000	10.6	81.1	82.6	84.0	84.5	85.3	85.7	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1
≥ 900	10.6	81.6	83.2	84.6	85.2	85.9	86.3	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8
≥ 800	10.8	82.8	84.5	85.1	86.7	87.5	88.1	88.3	88.4	88.5	88.8	88.8	88.8	88.8	88.8	88.8
≥ 700	10.8	83.1	84.9	85.7	87.5	88.4	89.0	89.4	89.5	89.6	89.9	89.9	89.9	89.9	89.9	89.9
≥ 600	10.8	83.5	85.4	87.4	88.0	89.2	89.9	90.6	90.8	90.9	91.2	91.2	91.2	91.2	91.2	91.2
≥ 500	10.8	84.0	85.9	88.3	89.7	90.5	91.4	92.5	92.6	92.8	93.1	93.1	93.1	93.1	93.1	93.1
≥ 400	10.8	84.0	85.9	88.4	90.0	91.2	92.8	94.9	95.3	95.6	96.0	96.0	96.0	96.0	96.0	96.0
≥ 300	10.8	84.0	85.9	88.4	90.0	91.3	93.2	95.8	96.6	97.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 200	10.8	84.0	85.9	88.4	90.0	91.3	93.3	96.1	96.9	98.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	10.8	84.0	85.9	88.4	90.0	91.3	93.3	96.1	96.9	98.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	10.8	84.0	85.9	88.4	90.0	91.3	93.3	96.1	96.9	98.3	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 939

USAF ETAC FORM 7-64 D-14-5 (OL A) PREVIOUS EDITIONS OF THE FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713 SEYMOUR-JOHNSON AFB NC

63-70, 73-79

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1230-1400
HOURS (LT)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	9.1	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 20000	10.0	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 18000	11.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 16000	10.1	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 14000	10.1	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 12000	10.2	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 10000	10.4	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 9000	11.3	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	11.4	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 7000	11.4	71.5	71.5	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 6000	11.4	71.9	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 5000	11.5	72.6	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4500	11.6	73.3	73.7	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4000	12.2	75.4	75.8	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 3500	12.2	76.2	76.7	76.9	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3000	12.5	78.1	78.6	78.8	79.2	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2500	12.7	80.3	81.1	81.3	81.6	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2000	13.0	82.2	83.1	83.3	83.9	84.2	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1800	13.2	82.8	83.8	84.0	84.5	84.8	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1500	13.2	83.0	84.7	85.2	85.9	86.2	86.7	86.3	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1200	13.5	84.7	85.9	86.6	87.3	87.8	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	13.5	86.0	87.3	88.0	88.8	89.4	89.9	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	13.5	86.6	87.8	88.5	89.4	89.9	90.4	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 800	13.7	87.7	89.4	90.0	91.0	91.6	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 700	13.7	88.1	90.1	90.8	92.4	93.1	94.0	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 500	13.7	88.6	90.8	91.5	93.5	94.5	95.6	96.0	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400	13.7	88.9	91.2	92.0	94.2	95.3	97.0	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	13.7	89.0	91.4	92.4	94.5	95.9	97.8	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	13.7	89.0	91.4	92.4	94.5	95.9	98.0	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	13.7	89.0	91.4	92.4	94.5	95.9	98.0	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	13.7	89.0	91.4	92.4	94.5	95.9	98.0	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 938

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

58-7C, 73-79
YEARS

4AP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LT)

CEILING -FEET-	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING	9.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000	9.7	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 18000	9.3	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	9.9	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	10.1	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 12000	10.1	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 10000	10.4	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 9000	10.6	69.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 8000	10.9	72.2	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 7000	11.1	73.5	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 6000	11.1	74.3	74.4	74.7	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 5000	11.2	76.0	76.1	76.7	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4500	11.4	77.4	77.6	78.3	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	11.6	79.6	79.9	80.6	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500	11.9	80.9	81.4	82.4	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000	12.2	82.4	83.3	84.4	84.6	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2500	12.3	84.3	85.4	86.5	86.7	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	12.6	86.5	87.5	88.6	88.9	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1800	12.7	88.8	89.0	89.5	89.5	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	12.7	87.6	89.0	90.4	91.1	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1200	12.7	88.7	90.2	91.6	92.3	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	12.7	89.0	90.6	92.0	92.8	92.9	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	12.7	89.0	90.9	92.4	93.1	93.2	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 800	12.7	89.7	91.6	93.4	94.5	94.8	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	12.7	89.7	91.7	93.7	95.1	95.8	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	12.7	89.9	92.0	94.1	95.5	96.3	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	12.7	90.0	92.2	94.3	96.0	97.2	98.1	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	12.7	90.0	92.2	94.3	96.0	97.2	98.2	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	12.7	90.0	92.3	94.4	96.1	97.3	98.3	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	12.7	90.0	92.3	94.4	96.1	97.3	98.3	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	12.7	90.0	92.3	94.4	96.1	97.3	98.3	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	12.7	90.0	92.3	94.4	96.1	97.3	98.3	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

12713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-72, 73-79
YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000
HOURS (LT)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	9.7	61.2	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	9.7	64.4	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 18000	9.7	64.7	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 16000	9.7	65.1	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 14000	9.7	65.4	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 12000	9.7	66.7	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 10000	10.1	69.2	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 9000	10.1	69.5	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 8000	10.5	71.9	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 7000	10.5	73.2	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 6000	10.9	73.7	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 5000	10.9	76.5	77.0	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 4500	10.9	78.1	78.9	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 4000	10.9	80.7	81.1	81.7	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 3500	10.9	81.0	82.3	83.0	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 3000	10.9	81.8	83.3	84.2	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 2500	11.2	83.1	85.1	85.9	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 2000	11.3	84.3	86.3	87.4	87.6	87.6	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 1800	11.3	84.4	86.6	87.6	87.8	87.8	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 1500	11.3	84.9	87.4	88.5	89.0	89.0	89.6	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1200	11.3	85.9	88.6	89.7	90.3	90.3	90.9	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 1000	11.3	87.0	90.1	91.3	91.9	91.9	92.5	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 900	11.3	87.0	90.3	91.5	92.2	92.2	92.7	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 800	11.3	87.2	90.8	91.9	92.8	92.9	93.4	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 700	11.3	87.4	91.0	92.2	93.1	93.2	94.0	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 600	11.3	87.8	91.5	92.7	93.9	94.0	95.1	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 500	11.3	88.0	91.6	92.8	94.5	94.6	95.7	96.9	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 400	11.3	88.0	91.7	92.9	94.7	94.8	96.0	97.5	98.0	98.8	99.0	99.0	99.0	99.0	99.0	99.0
IV 300	11.3	88.0	91.7	92.9	94.8	94.9	96.3	98.0	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	11.3	88.0	91.7	92.9	94.8	94.9	96.3	98.0	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	11.3	88.0	91.7	92.9	94.8	94.9	96.3	98.0	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	11.3	88.0	91.7	92.9	94.8	94.9	96.3	98.0	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

272

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

66-70, 73-79
YEARS

MAC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	9.8	64.2	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	65.1
≥20000	10.3	66.5	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.5
≥18000	10.4	66.7	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.7
≥16000	10.4	67.2	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.3
≥14000	10.5	68.5	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.6
≥12000	10.5	69.5	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.5
≥10000	10.8	71.1	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.1	72.2
≥9000	10.8	71.8	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	73.0
≥8000	11.2	74.2	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.4
≥7000	11.5	75.4	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.7
≥6000	11.5	76.1	77.2	77.2	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.7
≥5000	11.5	78.6	79.8	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.3
≥4500	11.5	79.2	80.4	80.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.1
≥4000	11.6	80.9	82.3	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.1
≥3500	11.6	81.7	83.2	83.7	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2
≥3000	11.6	82.2	83.8	84.4	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	85.1
≥2500	11.6	83.1	84.8	85.7	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.6
≥2000	11.8	83.7	85.5	86.3	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.3
≥1800	11.8	83.8	85.9	86.8	87.2	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.7
≥1500	11.8	84.1	86.2	87.1	87.6	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.3
≥1200	11.8	84.4	86.6	87.6	88.2	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	89.0
≥1000	11.8	84.9	87.6	88.7	89.2	89.5	89.8	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.4
≥900	11.8	85.3	88.1	89.2	90.0	90.2	90.5	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.2
≥800	11.8	85.4	88.7	90.2	91.1	91.3	91.8	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.6
≥700	11.8	85.6	88.7	90.3	91.3	91.6	92.3	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	93.0
≥600	11.8	85.6	88.9	90.8	91.7	92.2	92.9	93.4	93.5	93.7	93.7	93.7	93.7	93.8	93.8	93.9
≥500	11.8	85.9	89.5	91.4	92.8	93.4	94.3	95.6	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.3
≥400	11.8	85.9	89.6	91.7	93.1	93.9	95.1	97.3	97.6	98.0	98.0	98.0	98.1	98.1	98.1	98.2
≥300	11.8	85.9	89.6	91.7	93.1	93.9	95.1	97.6	98.3	98.9	99.0	99.0	99.1	99.1	99.1	99.2
≥200	11.8	85.9	89.6	91.7	93.1	93.9	95.2	97.7	98.4	99.0	99.5	99.5	99.6	99.6	99.6	99.7
≥100	11.8	85.9	89.6	91.7	93.1	93.9	95.2	97.7	98.4	99.1	99.6	99.6	99.9	99.9	99.9	100.0
≥0	11.8	85.9	89.6	91.7	93.1	93.9	95.2	97.7	98.4	99.1	99.6	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-75, 73-79
YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	8.0	56.1	57.2	57.6	57.8	57.9	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.3	58.3
≥20000	8.7	59.8	63.9	61.4	61.7	61.7	61.8	61.8	61.8	61.9	62.0	62.1	62.1	62.1	62.2	62.2
≥18000	8.7	61.3	61.4	61.9	62.1	62.2	62.3	62.3	62.3	62.4	62.5	62.5	62.5	62.6	62.6	62.7
≥16000	8.8	60.6	61.7	62.2	62.5	62.5	62.6	62.6	62.6	62.7	62.8	62.9	62.9	62.9	63.0	63.0
≥14000	9.1	61.5	62.6	63.1	63.4	63.5	63.5	63.6	63.6	63.7	63.8	63.8	63.8	63.9	63.9	64.0
≥12000	9.2	63.1	64.2	64.7	65.0	65.0	65.1	65.1	65.1	65.2	65.3	65.4	65.4	65.4	65.5	65.6
≥10000	9.4	65.6	66.8	67.3	67.6	67.7	67.7	67.8	67.9	68.0	68.0	68.0	68.0	68.1	68.2	68.2
≥9000	9.5	66.3	67.4	68.0	68.3	68.3	68.4	68.5	68.5	68.5	68.6	68.7	68.7	68.8	68.8	68.9
≥8000	9.7	68.4	69.7	70.2	70.5	70.6	70.7	70.7	70.8	70.9	71.0	71.0	71.1	71.1	71.1	71.2
≥7000	9.8	69.6	70.9	71.5	71.8	71.8	71.9	72.0	72.1	72.1	72.2	72.2	72.3	72.3	72.3	72.4
≥6000	9.9	70.3	71.8	72.2	72.6	72.6	72.7	72.8	72.9	73.0	73.1	73.1	73.1	73.2	73.2	73.3
≥5000	9.9	72.1	73.5	74.2	74.6	74.7	74.8	74.9	75.0	75.1	75.1	75.1	75.2	75.2	75.3	75.3
≥4500	10.1	72.9	74.5	75.2	75.7	75.8	75.9	76.0	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.4
≥4000	10.3	74.6	76.4	77.2	77.7	77.8	77.9	78.1	78.2	78.3	78.3	78.3	78.4	78.4	78.5	78.5
≥3500	10.3	75.4	77.4	78.3	78.8	78.9	79.0	79.2	79.3	79.4	79.4	79.4	79.5	79.5	79.6	79.7
≥3000	10.4	76.5	78.6	79.7	80.3	80.4	80.5	80.7	80.8	80.9	81.0	81.0	81.1	81.1	81.1	81.2
≥2500	10.5	77.7	80.0	81.2	81.9	82.0	82.2	82.3	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.8
≥2000	10.7	78.8	81.2	82.5	83.2	83.4	83.6	83.8	83.9	84.0	84.1	84.1	84.1	84.2	84.2	84.3
≥1800	10.7	79.1	81.6	82.9	83.7	83.9	84.1	84.2	84.4	84.5	84.5	84.5	84.6	84.7	84.7	84.8
≥1500	10.8	79.9	82.6	84.0	84.9	85.2	85.5	85.7	85.8	85.9	86.0	86.0	86.1	86.1	86.2	86.2
≥1200	10.9	81.1	84.1	85.6	86.5	86.8	87.2	87.4	87.5	87.7	87.8	87.8	87.8	87.9	87.9	88.0
≥1000	10.9	81.7	84.9	86.5	87.5	87.8	88.2	88.5	88.6	88.8	88.9	88.9	89.0	89.0	89.1	89.2
≥900	11.0	82.1	85.3	87.0	88.0	88.4	88.8	89.1	89.3	89.4	89.5	89.5	89.6	89.7	89.7	89.8
≥800	11.1	82.6	86.1	87.9	89.0	89.5	90.1	90.4	90.5	90.7	90.8	90.8	90.9	91.0	91.0	91.1
≥700	11.0	82.8	86.4	88.3	89.7	90.3	91.0	91.3	91.5	91.7	91.8	91.8	91.9	91.9	92.0	92.1
≥600	11.0	83.2	86.8	88.8	90.4	91.1	91.9	92.4	92.6	92.9	93.0	93.0	93.1	93.1	93.2	93.3
≥500	11.0	83.4	87.2	89.4	91.3	92.1	93.1	94.0	94.3	94.6	94.7	94.7	94.9	94.9	95.0	95.1
≥400	11.0	83.5	87.3	89.7	91.7	92.7	94.2	95.5	95.9	96.3	96.5	96.5	96.6	96.6	96.7	96.8
≥300	11.0	83.5	87.4	89.7	91.8	92.9	94.6	96.2	96.7	97.4	97.6	97.7	97.8	97.9	97.9	98.1
≥200	11.1	83.5	87.4	89.7	91.8	92.9	94.8	96.5	97.2	97.9	98.3	98.4	98.6	98.7	98.9	99.1
≥100	11.0	83.5	87.4	89.7	91.8	92.9	94.8	96.6	97.2	98.0	98.5	98.5	98.9	99.1	99.5	99.8
≥0	11.0	83.5	87.4	89.7	91.8	92.9	94.8	96.6	97.2	98.0	98.5	98.5	98.9	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF EAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1113

SEYMOUR-JOHNSON AFB NC

60-70, 73-79

APD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

001-000

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	7.4	55.3	56.4	67.3	67.4	67.5	68.0	68.1	68.1	68.2	68.7	68.2	68.2	68.2	68.2	68.7	68.6
≥ 20000	8.2	69.1	71.3	71.3	71.4	71.6	72.3	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.6
≥ 18000	8.5	69.5	71.2	71.3	71.9	72.1	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.5
≥ 16000	8.6	69.7	71.3	71.9	72.0	72.1	72.6	72.7	72.7	72.6	72.6	72.6	72.6	72.6	72.6	72.6	73.1
≥ 14000	8.7	70.1	71.7	72.2	72.3	72.4	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 12000	8.8	70.4	71.9	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 10000	8.9	70.7	72.0	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 8000	9.0	71.0	72.1	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 7000	9.1	71.3	72.2	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 6000	9.2	71.6	72.3	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 5000	9.3	71.9	72.4	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 4500	9.4	72.2	72.5	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 4000	9.5	72.5	72.6	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 3500	9.6	72.8	72.7	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 3000	9.7	73.1	72.8	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 2500	9.8	73.4	72.9	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 2000	9.9	73.7	73.0	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 1800	10.0	74.0	73.1	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 1500	10.1	74.3	73.2	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 1200	10.2	74.6	73.3	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 1000	10.3	74.9	73.4	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 900	10.4	75.2	73.5	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 800	10.5	75.5	73.6	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 700	10.6	75.8	73.7	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 600	10.7	76.1	73.8	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 500	10.8	76.4	73.9	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 400	10.9	76.7	74.0	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 300	11.0	77.0	74.1	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 200	11.1	77.3	74.2	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 100	11.2	77.6	74.3	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 0	11.3	77.9	74.4	72.3	72.4	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE /M41

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

62-70, 73-79
YEAR

APT
NUMBER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7.0-15.00
CLOUD ST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	7.1	59.6	61.9	63.1	64.3	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 20000	7.4	62.6	65.1	66.6	67.8	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 18000	7.7	63.1	65.6	67.1	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000	8.0	63.7	66.1	67.7	68.9	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 14000	8.6	64.2	66.7	68.2	69.4	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 12000	8.6	66.1	69.6	70.1	71.3	71.7	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	8.8	68.1	70.7	72.3	73.6	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000	8.8	69.7	71.6	73.3	74.6	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 8000	8.9	70.8	73.4	75.2	76.4	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 7000	8.9	71.8	74.4	76.2	77.4	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 6000	8.9	72.4	75.1	76.9	78.2	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 5000	8.9	74.4	77.7	79.7	80.4	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	8.9	75.2	78.7	81.3	81.4	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4000	8.9	76.4	79.2	81.3	82.8	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	8.9	76.4	79.2	81.3	82.8	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3000	8.9	77.6	80.4	82.6	84.0	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2500	8.9	78.7	81.4	83.6	85.0	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	9.1	79.6	83.2	85.4	86.9	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1800	9.3	79.8	83.4	85.7	87.1	87.8	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	9.3	80.2	84.0	86.2	87.7	88.4	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	9.3	80.8	84.8	87.0	88.6	89.4	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	9.3	80.9	85.2	87.6	89.3	90.3	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 900	9.3	81.4	85.8	88.1	90.0	91.0	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 800	9.3	81.8	86.2	88.8	90.7	91.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	9.3	82.1	87.2	89.9	91.9	92.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600	9.3	82.5	87.9	90.8	92.8	93.8	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500	9.3	83.0	88.2	91.3	93.4	94.6	96.0	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 400	9.3	83.0	88.3	91.6	93.8	94.9	96.7	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 300	9.3	83.0	88.3	91.7	93.9	95.0	96.8	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 200	9.3	83.0	88.3	91.7	93.9	95.0	96.9	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 100	9.3	83.0	88.3	91.7	93.9	95.0	96.9	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 0	9.3	83.0	88.3	91.7	93.9	95.0	96.9	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS

900

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713 SEYMOUR-JOHNSON AFB NC

68-70, 73-79

AD-

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

68.7-70.7
73.7-79.7

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	7.4	54.7	55.4	57.7	58.7	59.0	59.4	59.9	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2
≥ 20000	8.1	57.8	60.4	61.7	62.9	63.2	63.7	64.2	64.3	64.4	64.4	64.4	64.6	64.6	64.6	64.6
≥ 18000	9.3	58.1	61.8	63.3	63.6	64.1	64.6	64.7	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9
≥ 16000	8.8	58.7	61.3	62.6	63.8	64.1	64.6	65.1	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.4
≥ 14000	9.0	59.3	62.0	63.2	64.6	64.9	65.3	65.9	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2
≥ 12000	9.0	61.1	64.0	65.2	66.6	66.9	67.3	67.9	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.2
≥ 10000	9.1	64.4	67.6	68.8	70.2	70.6	71.0	71.6	71.9	71.9	71.9	71.9	72.1	72.1	72.1	72.1
≥ 9000	9.1	65.3	68.4	69.7	71.1	71.4	71.9	72.4	72.6	72.8	72.8	72.8	72.9	72.9	72.9	72.9
≥ 8000	9.1	66.7	69.9	71.1	72.6	72.9	73.3	73.9	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.3
≥ 7000	9.4	68.1	71.3	72.6	74.0	74.3	74.8	75.3	75.4	75.7	75.7	75.7	75.8	75.8	75.8	75.8
≥ 6000	9.4	68.8	72.0	73.3	74.6	75.1	75.6	76.1	76.2	76.6	76.6	76.6	76.7	76.7	76.7	76.7
≥ 5000	9.4	70.1	73.4	74.8	76.2	76.6	77.0	77.6	77.7	78.0	78.0	78.0	78.1	78.1	78.1	78.1
≥ 4500	9.4	70.9	74.2	75.6	77.0	77.3	77.8	78.3	78.4	78.8	78.8	78.8	78.9	78.9	78.9	78.9
≥ 4000	9.4	71.3	74.9	76.2	77.7	78.0	78.4	79.1	79.2	79.6	79.6	79.6	79.7	79.7	79.7	79.7
≥ 3500	9.4	71.7	75.2	76.6	78.0	78.3	78.8	79.4	79.6	80.0	80.0	80.0	80.1	80.1	80.1	80.1
≥ 3000	9.7	72.9	76.7	78.0	79.4	79.8	80.2	81.0	81.2	81.7	81.7	81.7	81.9	81.9	81.9	81.9
≥ 2500	9.7	73.3	78.1	79.4	81.0	81.3	81.8	82.6	82.8	83.2	83.2	83.2	83.4	83.4	83.4	83.4
≥ 2000	10.0	75.2	79.6	81.2	82.9	83.3	83.8	84.6	84.8	85.2	85.2	85.2	85.4	85.4	85.4	85.4
≥ 1800	10.0	75.4	80.0	81.4	83.1	83.6	84.0	84.8	85.0	85.4	85.4	85.4	85.7	85.7	85.7	85.7
≥ 1500	10.0	76.3	80.9	82.3	84.0	84.4	85.0	85.8	86.0	86.4	86.4	86.4	86.7	86.7	86.7	86.7
≥ 1200	10.3	77.4	82.2	83.7	85.4	85.9	86.4	87.2	87.6	88.0	88.0	88.0	88.2	88.2	88.2	88.2
≥ 1000	10.4	78.2	83.2	84.7	86.4	86.9	87.6	88.4	88.8	89.4	89.4	89.4	89.7	89.7	89.7	89.7
≥ 900	10.4	79.1	84.2	85.7	87.4	87.9	88.6	89.4	89.8	90.4	90.4	90.4	90.7	90.7	90.7	90.7
≥ 800	10.4	79.7	85.0	86.8	89.1	89.6	90.2	91.1	91.4	92.1	92.1	92.1	92.3	92.3	92.3	92.3
≥ 700	10.4	80.0	85.4	87.4	90.1	90.6	91.2	92.2	92.6	93.2	93.2	93.2	93.4	93.4	93.4	93.4
≥ 600	10.4	80.4	86.3	88.7	91.4	91.9	92.6	93.8	94.1	94.8	94.8	94.8	95.0	95.0	95.0	95.0
≥ 500	10.4	80.6	86.4	88.9	91.9	92.4	93.1	94.4	94.8	95.4	95.4	95.4	95.7	95.7	95.7	95.7
≥ 400	10.4	80.6	86.6	89.1	92.7	93.2	94.2	95.8	96.2	97.0	97.0	97.0	97.2	97.2	97.2	97.2
≥ 300	10.4	80.6	86.7	89.2	92.8	93.6	94.7	96.3	96.8	97.9	98.0	98.0	98.2	98.2	98.2	98.2
≥ 200	10.4	80.6	86.7	89.2	92.8	93.6	94.7	96.4	96.9	98.0	98.2	98.2	98.6	98.6	98.6	98.6
≥ 100	10.4	80.6	86.7	89.2	92.8	93.6	94.7	96.4	96.9	98.0	98.2	98.2	98.6	98.6	98.6	98.6
≥ 0	10.4	80.6	86.7	89.2	92.8	93.6	94.7	96.4	96.9	98.0	98.2	98.2	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 907

GLOBAL CLIMATOLOGY BRANCH
ETAC
AFN WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1973 SEYMOUR-JOHNSON AFB NC

68-70, 73-79

AP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-117

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	14.6	63.3	63.4	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 20000	15.6	67.7	67.9	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000	16.1	69.7	69.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 16000	16.2	69.1	69.2	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000	16.4	70.4	70.7	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 12000	16.7	72.6	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 10000	16.9	74.1	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	16.9	75.6	76.3	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 8000	17.1	77.8	78.3	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 7000	17.3	79.1	79.7	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000	17.4	79.8	80.3	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 5000	17.6	82.2	82.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	17.6	82.3	82.9	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4000	17.7	82.7	83.2	83.4	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	17.7	83.2	83.8	84.0	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	18.1	85.0	85.6	85.9	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	18.3	86.1	86.9	87.2	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2000	18.7	87.1	87.9	88.2	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	18.7	87.1	88.7	88.3	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1500	18.7	88.9	90.0	90.3	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	18.8	90.6	91.7	92.1	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	18.8	91.2	92.4	92.9	93.9	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	18.7	91.7	92.9	93.3	94.3	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	18.8	92.1	93.6	94.2	95.3	95.6	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	19.6	92.4	94.1	94.8	96.0	96.2	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2
≥ 600	18.8	92.9	94.6	95.2	96.0	96.9	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 500	18.8	93.1	94.7	95.3	97.0	97.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 400	18.8	93.0	94.7	95.3	97.0	97.6	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6
≥ 300	18.8	93.0	94.7	95.3	97.0	97.7	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 200	18.8	93.0	94.7	95.3	97.0	97.7	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 100	18.8	93.0	94.7	95.3	97.0	97.7	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 0	18.8	93.0	94.7	95.3	97.0	97.7	98.9	99.4	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY FRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1113
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

65-79, 73-79
YEAR

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	15.7	61.8	60.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 20000	16.9	67.7	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000	17.1	68.3	68.6	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 16000	17.3	69.4	69.7	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 14000	17.6	71.4	70.7	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 12000	17.9	72.9	73.1	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 10000	18.1	74.3	75.0	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 9000	18.1	75.1	75.3	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	18.3	76.7	77.1	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	18.7	77.6	78.1	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000	18.9	78.3	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	19.1	79.6	80.0	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4500	19.1	79.9	80.3	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4000	19.9	82.8	83.2	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	20.2	85.1	85.6	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	20.3	87.1	87.4	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	20.8	88.6	89.1	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	21.2	91.2	92.0	92.8	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	21.3	91.9	92.7	93.4	94.0	94.1	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	21.6	93.0	94.3	95.3	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	21.6	94.1	95.4	96.4	97.1	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	21.6	94.2	95.8	96.9	97.6	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	21.6	94.2	95.8	96.9	97.6	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	21.6	94.4	96.3	97.4	98.2	98.4	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	21.6	94.4	96.3	97.4	98.2	98.4	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	21.6	94.6	96.4	97.6	98.3	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	21.6	94.7	96.7	97.8	98.6	98.8	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	21.6	94.9	96.9	98.0	99.0	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	21.6	94.9	96.9	98.0	99.0	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	21.6	94.9	96.9	98.0	99.0	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	21.6	94.9	96.9	98.0	99.0	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	21.6	94.9	96.9	98.0	99.0	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 990

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713 SEYMOUR-JOHNSON AFB MO
STATION

63-70, 73-79
YEARS

APU
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
CLOCK

CEILING -FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	15.3	61.6	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 20000	17.2	69.1	69.4	71.0	71.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 18000	17.2	69.4	70.2	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 16000	17.6	70.1	70.9	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000	17.8	72.1	72.9	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000	18.6	74.7	75.4	75.6	75.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	18.8	77.2	78.0	78.3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	18.8	77.7	78.4	78.6	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 8000	18.9	79.9	80.8	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 7000	19.4	81.6	82.4	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 6000	19.4	82.0	82.9	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 5000	19.9	83.7	84.6	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	19.9	85.0	85.3	86.4	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000	20.4	87.8	88.8	89.4	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	20.7	89.6	90.8	91.4	91.4	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3000	20.9	91.3	92.7	93.3	93.3	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	21.0	91.8	93.2	93.9	93.9	94.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	21.1	93.0	94.4	95.1	95.1	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	21.1	93.3	94.9	95.6	95.6	96.0	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	21.1	93.9	95.6	96.2	96.2	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	21.1	94.1	95.9	96.6	96.6	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	21.1	94.6	96.4	97.2	97.2	97.8	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	21.1	94.8	96.4	97.2	97.2	97.8	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	21.2	94.8	96.7	97.6	97.6	98.1	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	21.2	94.8	96.8	97.8	97.8	98.3	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	21.2	94.9	96.9	97.9	97.9	98.4	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	21.3	95.1	97.3	98.3	98.3	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	21.2	95.1	97.3	98.3	98.3	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	21.2	95.1	97.3	98.3	98.3	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	21.2	95.1	97.3	98.3	98.3	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	21.2	95.1	97.3	98.3	98.3	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	21.2	95.1	97.3	98.3	98.3	98.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AFM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713 SEYMOUR-JOHNSON AFB NC

64-70, 73-79

AFR

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000
NO. OF YEARS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	13.3	64.8	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 20000	15.4	72.7	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000	15.7	73.4	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	16.0	74.1	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 14000	16.3	75.6	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 12000	16.4	77.9	78.3	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	16.6	80.3	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 9000	16.6	81.0	81.4	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 8000	16.7	83.1	83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	17.1	85.2	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000	17.1	86.1	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	17.2	87.6	88.3	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4500	17.2	87.9	88.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000	17.7	89.6	90.3	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3500	19.1	91.7	91.9	92.1	92.4	92.4	92.4	92.8	92.9	92.9	92.9	92.9	92.9	93.3	93.3	93.3
≥ 3000	19.1	91.9	92.9	93.2	93.7	93.7	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
≥ 2500	18.1	92.2	93.7	93.6	94.0	94.0	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8
≥ 2000	18.2	93.1	94.2	94.6	95.0	95.2	95.3	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0
≥ 1800	13.2	93.2	94.3	94.7	95.1	95.3	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1
≥ 1500	13.2	93.6	94.9	95.2	95.7	95.9	96.1	96.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
≥ 1200	18.2	93.8	95.2	95.7	96.2	96.4	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
≥ 1000	18.2	93.8	95.2	95.7	96.2	96.4	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
≥ 900	18.2	93.8	95.2	95.7	96.2	96.4	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
≥ 800	18.2	93.8	95.2	95.7	96.2	96.4	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
≥ 700	18.2	93.8	95.2	95.7	96.2	96.4	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
≥ 600	18.2	93.8	95.2	95.7	96.2	96.4	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
≥ 500	18.2	93.8	95.2	95.7	96.2	96.4	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
≥ 400	18.2	93.8	95.2	95.7	96.2	96.4	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
≥ 300	18.2	93.8	95.2	95.7	96.2	96.4	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
≥ 200	18.2	93.8	95.2	95.7	96.2	96.4	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
≥ 100	18.2	93.8	95.2	95.7	96.2	96.4	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
≥ 0	18.2	93.8	95.2	95.7	96.2	96.4	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS

901

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AID WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION

06-70, 73-79
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 10-100
HOURS PER MONTH

CEILING (FEET)	VISIBILITY / STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.10	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING	9.8	67.2	68.0	68.6	68.8	68.8	69.9	69.3	69.7	69.0	69.7	69.0	69.0	69.7	69.0	69.0
≥ 10000	11.2	72.9	73.8	74.4	74.8	74.8	74.9	75.2	75.0	75.0	75.7	75.7	75.0	75.0	75.7	75.0
≥ 18000	11.2	73.7	73.9	74.6	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 16000	11.2	73.6	74.4	75.1	75.4	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000	11.4	74.4	75.3	76.2	76.3	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 12000	11.9	76.2	77.2	77.8	79.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 10000	11.9	80.5	80.9	81.6	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 9000	12.0	80.2	81.1	81.8	82.1	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	12.1	82.1	83.2	83.9	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	12.1	83.9	85.3	85.7	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 6000	12.1	84.3	85.6	86.2	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 5000	12.1	85.3	86.7	87.3	88.0	88.0	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	12.1	85.7	87.0	87.8	88.4	88.4	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	12.2	87.9	89.2	90.0	90.7	90.7	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	12.2	88.4	89.9	90.9	91.7	91.7	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	12.2	89.4	90.9	92.0	92.8	92.8	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	12.2	90.6	92.1	93.3	94.1	94.1	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	12.2	90.9	92.4	93.7	94.4	94.4	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	12.2	91.1	92.7	93.9	94.7	94.7	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	12.2	91.6	93.1	94.4	95.2	95.2	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	12.3	91.7	93.2	94.6	95.3	95.3	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	12.3	91.8	93.3	94.7	95.4	95.4	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	12.3	92.0	93.6	94.9	96.0	96.0	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	12.3	92.0	93.6	94.9	96.1	96.1	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	12.3	92.3	94.0	95.3	96.6	96.6	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	12.3	92.6	94.2	95.6	96.9	96.9	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	12.3	92.7	94.4	95.9	97.3	97.3	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	12.3	92.7	94.4	95.9	97.3	97.3	98.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	12.3	92.7	94.4	95.9	97.3	97.4	98.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	12.3	92.7	94.4	95.9	97.3	97.4	98.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	12.3	92.7	94.4	95.9	97.3	97.4	98.1	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	12.3	92.7	94.4	95.9	97.3	97.4	98.1	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 17713 SEYMOUR-JOHNSON AFB NC

68-77, 73-79

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-1

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	11.4	62.7	63.7	63.5	63.9	64.3	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4
≥ 20000	12.5	67.4	68.6	69.2	69.6	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1
≥ 18000	12.7	68.0	69.1	69.7	70.2	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 16000	13.0	68.5	69.7	70.3	70.8	70.9	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	13.2	69.6	70.7	71.3	71.8	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3
≥ 12000	13.5	71.8	73.7	73.6	74.1	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6
≥ 10000	13.7	74.4	75.7	76.3	76.8	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4
≥ 9000	13.7	75.0	76.3	76.9	77.4	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0
≥ 8000	13.3	76.8	78.2	78.9	79.4	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 7000	14.1	78.3	79.7	80.3	80.8	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	14.1	78.9	80.4	81.0	81.5	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1
≥ 5000	14.3	80.5	82.0	82.7	83.3	83.5	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	14.3	81.2	82.7	83.5	84.1	84.2	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7
≥ 4000	14.5	82.8	84.4	85.2	85.8	86.0	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5
≥ 3500	14.7	83.7	85.3	86.2	86.9	87.1	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7
≥ 3000	14.9	85.0	86.7	87.7	88.4	88.5	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2
≥ 2500	14.9	85.8	87.8	88.8	89.5	89.7	90.0	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	15.1	87.0	89.0	90.1	90.9	91.1	91.4	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 1800	15.1	87.2	89.3	90.4	91.2	91.4	91.7	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2
≥ 1500	15.2	88.1	90.2	91.3	92.1	92.4	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≥ 1200	15.2	88.6	90.7	92.1	92.9	93.2	93.6	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1
≥ 1000	15.3	88.9	91.4	92.6	93.6	93.9	94.4	94.7	94.6	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 900	15.3	89.2	91.8	93.0	94.0	94.4	94.8	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5
≥ 800	15.3	89.5	92.2	93.5	94.7	95.0	95.5	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 700	15.3	89.7	92.5	94.0	95.2	95.6	96.1	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥ 600	15.3	90.0	92.9	94.4	95.8	96.2	96.8	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6
≥ 500	15.3	90.1	93.2	94.8	96.2	96.7	97.4	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 400	15.3	90.1	93.2	94.9	96.4	96.9	97.8	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 300	15.3	90.1	93.3	94.9	96.5	97.1	98.0	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 200	15.3	90.1	93.3	94.9	96.5	97.1	98.0	98.8	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.6
≥ 100	15.3	90.1	93.3	94.9	96.5	97.1	98.0	98.8	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.8
≥ 0	15.3	90.1	93.3	94.9	96.5	97.1	98.0	98.8	99.1	99.3	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7203

GLOBAL CLIMATOLOGY BRANCH
AFCTAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

56-70,72-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-7200
HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	5.5	59.6	64.0	66.3	67.5	67.6	67.8	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4
≥ 20000	5.7	61.2	66.1	68.6	70.2	70.3	70.5	70.8	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1
IV 18000	5.7	61.3	66.2	68.7	70.3	70.4	70.6	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2
IV 16000	5.8	61.4	66.3	68.8	70.4	70.5	70.8	71.0	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3
IV 14000	6.0	61.7	66.7	69.1	70.8	70.9	71.1	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6
IV 12000	6.6	62.8	67.7	70.3	71.9	72.1	72.3	72.5	72.6	72.6	72.9	72.8	72.8	72.8	72.8	72.8
IV 10000	6.9	65.1	70.4	72.9	74.6	74.7	74.9	75.2	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5
IV 9000	6.9	65.2	70.4	73.0	74.7	74.8	75.1	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6
IV 8000	6.9	67.4	73.0	75.7	77.5	77.6	77.8	78.1	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4
IV 7000	6.9	68.1	73.8	76.6	78.4	78.5	78.7	78.9	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2
IV 6000	6.9	68.8	74.6	77.4	79.2	79.4	79.6	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1
IV 5000	6.9	69.9	76.3	79.1	81.2	81.3	81.6	81.8	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2
IV 4500	6.9	70.0	76.5	79.2	81.4	81.5	81.8	82.0	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4
IV 4000	6.9	71.5	78.7	80.8	82.9	83.0	83.5	83.8	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1
IV 3500	6.9	72.6	79.1	82.2	84.5	84.6	85.2	85.4	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7
IV 3000	6.9	73.3	79.9	82.9	85.3	85.3	85.9	86.1	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5
IV 2500	6.9	73.8	80.5	83.8	86.6	86.7	87.2	87.4	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7
IV 2000	6.9	74.4	81.2	84.9	88.0	88.1	88.6	88.8	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1
IV 1800	6.9	74.6	81.4	85.2	88.2	88.3	88.8	89.0	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4
IV 1500	7.0	75.2	81.9	85.9	89.0	89.1	89.8	90.0	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3
IV 1200	7.0	76.5	83.3	87.3	90.8	90.9	91.5	91.7	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0
IV 1000	7.0	76.7	83.8	88.0	91.4	91.5	92.2	92.4	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7
IV 900	7.0	76.9	84.0	88.2	91.7	91.8	92.6	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1
IV 800	7.0	77.3	84.6	89.4	93.1	93.3	94.3	94.5	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8
IV 700	7.0	77.7	85.1	89.8	93.5	94.1	95.1	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6
IV 600	7.1	78.3	85.6	90.5	94.5	95.2	96.1	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8
IV 500	7.1	79.0	86.3	91.4	95.5	96.1	97.1	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8
IV 400	7.1	79.0	86.5	91.5	95.6	96.2	97.3	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2
IV 300	7.1	79.0	86.5	91.5	95.9	96.7	98.1	98.5	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 200	7.1	79.0	86.5	91.6	96.1	96.9	98.3	98.8	99.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7
IV 100	7.1	79.0	86.5	91.6	96.1	96.9	98.3	98.8	99.1	99.2	99.6	99.6	99.7	99.8	99.9	99.9
IV 0	7.1	79.0	86.5	91.6	96.1	96.9	98.3	98.8	99.1	99.2	99.6	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12/15 DEYMOUR-JOHNSON AFB NC

66-77,73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-7500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
NO CEILING	3.4	43.7	49.9	53.7	56.2	57.4	58.8	59.3	59.5	59.8	60.4	60.4	60.6	60.7	60.9	61.0
≥ 20000	3.6	45.1	52.2	56.2	58.9	60.3	61.7	62.2	62.4	62.5	63.2	63.3	63.5	63.5	63.6	63.7
≥ 18000	3.6	45.2	52.3	56.3	59.0	60.4	61.8	62.3	62.5	62.9	63.4	63.4	63.6	63.6	63.7	63.8
≥ 16000	3.8	45.5	52.6	56.6	59.3	60.7	62.1	62.6	62.9	63.2	63.7	63.7	63.9	63.9	64.0	64.1
≥ 14000	4.2	46.4	53.5	57.6	61.5	61.9	63.3	63.8	64.1	64.4	64.9	64.9	65.1	65.1	65.2	65.3
≥ 12000	4.4	47.3	54.5	58.6	61.5	63.0	64.4	64.9	65.1	65.4	66.0	66.0	66.2	66.2	66.3	66.4
≥ 10000	4.7	48.9	56.2	60.5	63.4	64.9	66.3	66.8	67.1	67.5	68.0	68.0	68.2	68.2	68.4	68.5
≥ 9000	4.7	49.1	56.4	60.7	63.6	65.1	66.5	67.1	67.3	67.7	68.2	68.2	68.5	68.5	68.6	68.7
≥ 8000	4.8	51.2	59.7	63.7	66.7	68.4	69.8	70.3	70.5	70.9	71.6	71.6	71.8	71.8	71.9	72.0
≥ 7000	5.0	52.7	61.1	64.5	67.5	69.1	70.5	71.0	71.3	71.7	72.3	72.4	72.7	72.7	72.8	72.9
≥ 6000	5.1	52.9	61.1	65.6	68.7	70.4	71.8	72.3	72.6	73.0	73.6	73.7	74.0	74.0	74.1	74.2
≥ 5000	5.0	53.9	62.4	67.3	70.5	72.2	73.7	74.4	74.6	75.0	75.7	75.8	76.0	76.0	76.1	76.2
≥ 4500	5.0	54.1	62.8	67.7	70.9	72.7	74.2	74.8	75.0	75.5	76.1	76.2	76.4	76.4	76.5	76.6
≥ 4000	5.0	55.2	63.8	68.8	72.1	74.1	75.6	76.2	76.5	77.0	77.6	77.7	77.9	77.9	78.0	78.1
≥ 3500	5.0	56.4	65.4	70.3	73.6	75.6	77.2	77.8	78.1	78.6	79.2	79.3	79.5	79.5	79.7	79.8
≥ 3000	5.0	57.1	66.1	71.2	75.0	77.0	78.7	79.4	79.8	80.2	80.8	80.9	81.2	81.2	81.3	81.4
≥ 2500	5.2	57.4	66.6	71.7	75.8	77.7	79.5	80.3	80.6	81.1	81.7	81.8	82.0	82.0	82.1	82.2
≥ 2000	5.2	57.6	67.3	72.2	76.5	78.5	80.4	81.2	81.5	81.9	82.6	82.7	82.9	82.9	83.0	83.1
≥ 1800	5.2	57.8	67.2	72.4	77.0	78.9	80.8	81.6	81.9	82.3	83.0	83.1	83.3	83.3	83.4	83.5
≥ 1500	5.0	58.1	67.7	73.3	77.9	79.9	81.8	82.7	83.0	83.4	84.1	84.2	84.4	84.4	84.5	84.6
≥ 1200	5.0	58.6	68.5	74.5	79.4	81.4	83.3	84.2	84.5	84.9	85.6	85.7	85.9	85.9	86.0	86.1
≥ 1000	5.0	59.0	69.1	75.6	80.5	82.7	84.6	85.5	85.8	86.2	86.9	87.0	87.2	87.2	87.3	87.4
≥ 900	5.0	59.7	70.1	76.9	81.9	84.1	86.2	87.2	87.5	87.9	88.6	88.7	88.9	88.9	89.0	89.1
≥ 800	5.0	60.1	70.7	78.0	83.2	85.5	87.6	88.6	88.9	89.3	90.0	90.1	90.3	90.3	90.4	90.5
≥ 700	5.0	60.4	71.3	78.8	84.1	86.4	88.7	89.7	90.0	90.4	91.1	91.2	91.4	91.4	91.5	91.6
≥ 600	5.0	60.7	71.9	79.7	85.6	87.9	90.2	91.3	91.6	92.0	92.7	92.8	93.1	93.1	93.2	93.3
≥ 500	5.0	61.4	72.7	80.6	87.2	89.7	92.5	93.5	93.9	94.4	95.0	95.2	95.5	95.5	95.6	95.7
≥ 400	5.0	61.6	72.9	80.9	87.7	90.5	93.4	94.8	95.2	95.8	96.6	96.7	97.0	97.0	97.1	97.2
≥ 300	5.0	61.8	72.9	80.9	87.7	90.7	94.1	96.0	96.4	97.2	98.0	98.1	98.6	98.6	98.7	98.8
≥ 200	5.0	61.8	72.9	80.9	87.7	90.7	94.2	96.1	96.7	97.4	98.2	98.3	98.9	98.9	99.0	99.1
≥ 100	5.0	61.8	72.9	80.9	87.7	90.7	94.2	96.1	96.7	97.5	98.4	98.5	99.1	99.2	99.5	99.7
≥ 0	5.0	61.6	72.9	80.9	87.7	90.7	94.2	96.1	96.7	97.5	98.4	98.5	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10/13
STATION

SEYMOUR-JOHNSON AFB AC
STATION NAME

65-70, 73-74
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-1600
HOURS 151

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	4.3	43.4	48.5	51.6	54.1	54.3	54.7	55.4	55.4	55.7	55.9	55.9	56.2	56.5	56.5	57.0
≥ 20000	4.6	45.8	51.0	54.2	57.7	57.3	57.7	58.5	58.6	58.9	59.2	59.2	59.6	59.8	59.8	60.3
≥ 18000	4.6	46.1	51.4	54.5	57.3	57.6	58.1	58.2	58.6	59.2	59.4	59.6	59.9	60.1	60.1	60.6
≥ 16000	4.6	46.3	51.5	54.7	57.5	57.8	58.3	59.1	59.1	59.5	59.8	59.8	60.1	60.3	60.3	60.9
≥ 14000	4.6	46.7	51.8	55.1	57.8	58.2	58.6	59.4	59.5	59.8	60.1	60.1	60.4	60.6	60.6	61.2
≥ 12000	4.7	47.7	53.1	56.6	59.4	59.7	60.2	61.1	61.1	61.4	61.7	61.7	62.0	62.3	62.3	62.8
≥ 10000	4.8	50.8	56.0	60.1	63.0	63.3	63.9	64.7	64.8	65.2	65.5	65.5	65.8	66.0	66.0	66.6
≥ 9000	4.8	51.2	57.0	60.5	63.4	63.8	64.3	65.2	65.3	65.6	65.9	65.9	66.2	66.5	66.5	67.1
≥ 8000	5.1	52.6	58.5	62.3	65.2	65.5	66.1	67.0	67.1	67.4	67.7	67.7	68.1	68.3	68.3	68.8
≥ 7000	5.1	54.1	60.1	64.0	67.0	67.3	68.0	68.8	69.0	69.4	69.7	69.7	70.0	70.2	70.2	70.8
≥ 6000	5.2	54.7	61.8	64.6	67.6	68.0	68.6	69.5	69.7	70.0	70.3	70.3	70.6	70.9	70.9	71.4
≥ 5000	5.3	55.0	62.3	66.5	69.7	70.0	70.6	71.6	71.8	72.2	72.5	72.5	72.8	73.0	73.0	73.5
≥ 4500	5.4	56.9	63.1	67.5	70.8	71.1	71.7	72.7	72.9	73.2	73.5	73.5	73.9	74.1	74.1	74.6
≥ 4000	5.4	57.4	64.0	68.5	71.9	72.3	73.1	74.1	74.3	74.6	74.9	74.9	75.3	75.5	75.5	76.0
≥ 3500	5.4	57.7	64.3	68.8	72.4	72.7	73.5	74.5	74.7	75.1	75.4	75.4	75.7	75.9	75.9	76.5
≥ 3000	5.4	58.5	65.2	70.0	73.5	73.9	74.7	75.8	76.0	76.3	76.7	76.7	77.0	77.2	77.2	77.7
≥ 2500	5.4	58.8	65.6	70.4	74.0	74.3	75.2	76.2	76.5	76.8	77.1	77.1	77.4	77.6	77.6	78.2
≥ 2000	5.4	58.9	65.9	70.9	74.4	74.7	75.6	76.7	76.9	77.2	77.5	77.5	77.8	78.1	78.1	78.6
≥ 1800	5.4	59.3	66.0	71.1	74.6	74.9	75.8	76.9	77.1	77.4	77.7	77.7	78.1	78.3	78.3	78.8
≥ 1500	5.4	59.8	66.3	71.9	75.6	75.9	76.8	77.8	78.1	78.4	78.7	78.7	79.0	79.2	79.2	79.8
≥ 1200	5.4	61.4	68.5	73.9	77.5	77.8	78.7	79.8	80.0	80.3	80.6	80.6	81.0	81.2	81.2	81.7
≥ 1000	5.4	62.8	70.2	75.9	80.2	80.5	81.5	82.6	82.8	83.1	83.4	83.4	83.8	84.0	84.0	84.5
≥ 900	5.4	63.9	71.4	77.4	81.7	82.2	83.2	84.3	84.5	84.8	85.2	85.2	85.5	85.7	85.7	86.2
≥ 800	5.4	65.1	73.1	79.4	83.7	84.6	85.9	87.1	87.3	87.6	88.1	88.1	88.4	88.6	88.6	89.1
≥ 700	5.4	66.0	74.6	80.9	85.3	86.2	87.6	88.9	89.1	89.5	89.9	89.9	90.2	90.4	90.4	91.0
≥ 600	5.4	66.5	75.4	81.7	86.5	87.5	88.9	90.6	90.9	91.3	91.7	91.8	92.2	92.4	92.4	92.9
≥ 500	5.4	66.6	75.8	82.2	87.3	88.5	90.3	92.2	92.4	92.8	93.2	93.3	93.7	93.9	93.9	94.4
≥ 400	5.4	66.6	75.8	82.2	87.6	88.9	91.2	93.1	93.7	94.1	94.6	94.7	95.2	95.4	95.4	95.9
≥ 300	5.4	66.6	75.8	82.3	87.7	89.0	91.3	93.8	94.5	95.3	96.0	96.3	96.8	97.8	97.8	98.4
≥ 200	5.4	66.6	75.8	82.3	87.7	89.0	91.3	93.8	94.5	95.3	96.0	96.3	96.8	97.8	97.8	98.4
≥ 100	5.4	66.6	75.8	82.3	87.7	89.0	91.3	93.8	94.5	95.3	96.0	96.3	96.8	97.8	97.8	98.4
≥ 0	5.4	66.6	75.8	82.3	87.7	89.0	91.3	93.8	94.5	95.3	96.0	96.3	96.8	97.8	97.8	98.4

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713 SCYMOUR-JOHNSON AFB NC

66-70, 73-79

MAY

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1970-1979
MAY 1971

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	8.3	56.8	58.7	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥20000	9.5	59.6	61.5	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥18000	9.6	59.9	61.8	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥16000	9.6	59.9	61.8	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥14000	9.6	60.6	62.6	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥12000	9.6	63.1	65.1	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥10000	9.8	67.4	69.4	70.1	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥9000	9.8	67.6	69.8	70.5	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥8000	10.3	69.6	71.7	72.5	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥7000	10.4	71.1	73.2	74.0	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥6000	10.4	71.5	73.7	74.4	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥5000	10.4	72.9	75.4	76.1	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥4500	10.5	73.5	76.0	75.8	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥4000	10.5	74.6	77.4	78.2	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥3500	10.6	75.5	78.3	79.1	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥3000	10.9	77.1	80.0	80.9	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥2500	11.0	77.5	80.0	81.5	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥2000	11.3	80.8	84.1	85.2	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥1800	11.3	81.4	84.7	85.9	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥1500	11.4	83.1	86.6	87.8	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥1200	11.4	85.2	88.8	90.5	91.8	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥1000	11.4	86.7	91.0	92.8	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥900	11.4	87.0	91.4	93.2	94.6	94.8	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥800	11.4	87.2	91.8	93.7	95.4	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥700	11.4	87.6	92.5	94.4	96.2	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥600	11.4	87.7	92.8	94.9	97.0	97.5	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥500	11.4	88.2	93.4	95.7	97.8	98.5	98.6	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥400	11.4	88.2	93.4	95.7	97.8	98.5	98.6	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥300	11.4	88.2	93.4	95.7	98.0	98.6	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥200	11.4	88.2	93.4	95.7	98.0	98.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	11.4	88.2	93.4	95.7	98.0	98.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	11.4	88.2	93.4	95.7	98.0	98.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
ETAC/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7713 SCYMCUR-JOHNSON AFB NC

63-70,73-76

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	12.3	57.4	58.4	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	12.3	63.3	64.3	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 18000	12.3	54.1	64.9	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 16000	12.3	54.1	65.1	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 14000	12.3	54.5	65.5	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 12000	12.3	66.8	67.7	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 10000	12.5	70.9	71.5	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	12.5	71.8	73.0	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 8000	12.6	74.6	76.0	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 7000	12.7	75.5	76.9	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	12.8	75.9	77.3	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	12.8	77.6	79.0	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	12.8	77.7	79.1	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	13.1	80.1	81.5	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500	13.4	82.2	83.5	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	13.5	85.6	87.2	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	13.8	87.3	89.8	90.9	91.1	91.1	91.1	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	13.8	90.1	92.7	93.1	93.4	93.4	93.4	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	13.8	91.3	92.4	93.4	93.8	93.8	93.8	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	13.9	91.4	93.5	94.6	95.1	95.1	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	13.9	92.3	94.5	95.5	96.3	96.5	96.5	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	13.9	92.7	95.1	96.5	97.1	97.2	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	13.9	92.7	95.1	96.5	97.1	97.2	97.2	97.2	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5
≥ 800	13.9	92.9	95.4	96.8	97.4	97.6	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	13.9	93.0	95.5	97.0	97.7	98.0	98.0	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	13.9	93.2	95.7	97.2	98.3	98.6	98.6	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	13.9	93.5	96.0	97.5	98.6	98.9	98.9	98.9	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	13.9	93.5	96.0	97.5	98.6	98.9	98.9	98.9	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	13.9	93.5	96.0	97.6	98.7	99.0	99.0	99.0	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	13.9	93.5	96.0	97.6	98.7	99.0	99.0	99.0	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	13.9	93.5	96.0	97.6	98.7	99.0	99.0	99.0	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	13.9	93.5	96.0	97.6	98.7	99.0	99.0	99.0	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

66-77,73-79
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ 0
NO CEILING	100.0	56.6	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	12.0	64.7	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	12.0	64.8	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	12.2	64.9	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000	12.5	66.7	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	12.5	68.0	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000	12.4	71.6	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 9000	12.9	72.4	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 8000	13.4	75.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 7000	13.9	78.8	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	14.1	78.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000	14.1	81.0	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	14.3	81.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 4000	14.7	84.7	86.9	87.1	87.1	87.1	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3500	14.7	87.0	89.1	89.5	89.6	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	14.9	89.1	91.4	92.2	92.3	92.4	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	14.9	90.2	92.6	93.3	93.5	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000	15.1	91.2	93.5	94.5	94.7	94.8	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	15.1	91.4	94.7	94.9	95.2	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	15.1	92.5	95.1	96.7	96.2	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	15.1	93.2	95.4	97.0	97.2	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	15.1	93.4	96.1	97.2	97.4	97.5	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	15.1	93.4	96.1	97.2	97.4	97.5	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	15.1	93.7	96.3	97.5	97.7	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	15.1	93.9	96.8	98.0	98.3	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	15.1	93.9	96.8	98.0	98.4	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	15.1	94.0	96.9	98.2	98.9	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	15.1	94.0	96.9	98.2	98.9	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	15.1	94.0	96.9	98.2	98.9	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	15.1	94.0	96.9	98.2	98.9	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	15.1	94.0	96.9	98.2	98.9	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	15.1	94.0	96.9	98.2	98.9	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFB WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING	17.4	58.2	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 20000	11.0	66.7	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 18000	11.1	67.2	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 16000	11.4	67.6	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 14000	11.6	69.2	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000	11.8	71.2	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 10000	12.1	74.0	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000	12.1	74.9	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	12.2	79.6	81.1	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 7000	12.2	79.8	82.3	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 6000	12.2	83.5	83.1	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 5000	12.6	82.1	84.8	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4500	12.6	82.1	84.8	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	12.6	84.7	87.5	88.1	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3500	12.6	85.7	88.5	89.1	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	12.6	87.3	90.2	91.0	91.7	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2500	12.6	88.5	91.5	92.4	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	12.6	89.0	92.1	93.2	94.1	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800	12.6	89.2	92.4	93.4	94.4	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	12.6	90.2	93.4	94.5	95.5	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	12.6	91.3	94.5	95.6	96.6	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	12.6	91.4	94.7	95.8	96.9	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	12.6	91.4	94.7	95.8	96.9	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	12.6	91.5	94.9	96.1	97.2	97.7	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	12.6	91.6	95.0	96.2	97.3	97.8	98.2	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	12.6	91.8	95.3	96.6	97.6	98.2	98.5	98.7	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	12.6	91.8	95.4	96.7	97.8	98.4	99.0	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	12.6	91.8	95.4	96.7	97.8	98.4	99.0	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	12.6	91.8	95.4	96.8	98.0	98.5	99.1	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	12.6	91.8	95.4	96.8	98.0	98.5	99.1	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	12.6	91.8	95.4	96.8	98.0	98.5	99.1	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	12.6	91.8	95.4	96.8	98.0	98.5	99.1	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	9.0	60.0	64.6	66.2	66.3	66.3	66.3	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 20000	8.1	64.7	69.4	71.5	71.6	71.6	71.7	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 18000	8.1	64.9	69.6	71.7	71.8	71.8	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 16000	8.2	65.0	69.8	71.8	71.9	71.9	72.0	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000	8.7	66.0	70.7	72.8	72.9	72.9	73.0	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000	9.0	67.6	72.3	74.4	74.5	74.5	74.6	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 10000	9.9	70.8	75.9	77.9	78.0	78.0	78.1	78.1	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 9000	9.6	71.2	76.1	78.4	78.5	78.5	78.6	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 8000	9.6	73.4	78.8	81.3	81.5	81.5	81.6	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 7000	9.7	74.8	80.3	82.8	83.0	83.0	83.1	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 6000	9.7	75.6	81.1	83.5	83.7	83.7	83.9	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 5000	9.8	77.0	82.5	84.9	85.1	85.1	85.3	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4500	9.8	77.1	82.6	85.0	85.3	85.3	85.4	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4000	9.8	78.7	84.3	86.9	87.5	87.5	87.6	87.6	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500	9.9	80.0	85.6	88.2	89.0	89.0	89.1	89.1	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3000	9.9	81.5	87.3	90.0	90.9	90.9	91.0	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	9.9	82.3	88.2	90.9	91.7	91.7	91.8	91.8	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	9.9	83.4	89.3	92.2	93.1	93.2	93.3	93.3	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	9.9	83.7	89.8	92.8	93.6	93.8	93.9	93.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	9.9	84.2	90.3	93.5	94.6	94.7	95.0	95.0	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	9.9	84.8	91.0	94.2	95.4	95.5	95.9	95.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	9.9	84.9	91.1	94.3	95.5	95.6	96.0	96.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	9.9	84.9	91.1	94.4	95.6	95.7	96.1	96.1	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	9.9	85.3	91.4	94.7	96.0	96.3	96.8	96.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	9.9	85.3	91.4	94.8	96.1	96.4	96.9	97.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	9.9	85.3	91.4	94.8	96.2	96.6	97.0	97.1	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	9.9	86.0	92.4	96.0	97.6	98.0	98.5	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	9.9	86.0	92.4	96.0	97.6	98.0	98.5	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	9.9	86.0	92.5	96.1	97.8	98.3	98.9	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	9.9	86.0	92.5	96.1	97.8	98.3	98.9	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	9.9	86.0	92.5	96.1	97.8	98.3	98.9	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	9.9	86.0	92.5	96.1	97.8	98.3	98.9	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (24)

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	7.7	54.5	57.8	59.3	60.2	60.4	60.6	60.8	60.9	61.0	61.1	61.1	61.2	61.2	61.2	61.3
≥20000	8.3	58.9	62.5	64.2	65.1	65.4	65.6	65.8	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.3
≥18000	8.4	59.2	62.8	64.4	65.4	65.6	65.9	66.1	66.2	66.3	66.4	66.4	66.5	66.5	66.5	66.6
≥16000	8.5	59.4	62.9	64.6	65.6	65.8	66.1	66.3	66.3	66.5	66.6	66.6	66.7	66.7	66.7	66.8
≥14000	8.7	60.2	63.8	65.5	66.5	66.7	67.0	67.2	67.2	67.4	67.5	67.5	67.6	67.6	67.6	67.7
≥12000	8.9	61.8	65.4	67.2	68.2	68.4	68.7	68.9	68.9	69.1	69.2	69.2	69.3	69.3	69.3	69.4
≥10000	9.1	64.9	68.6	70.4	71.5	71.7	72.0	72.2	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.7
≥9000	9.2	65.4	69.2	71.0	72.1	72.3	72.6	72.8	72.9	73.1	73.1	73.1	73.2	73.2	73.2	73.3
≥8000	9.4	67.9	72.1	74.0	75.1	75.3	75.6	75.8	75.9	76.3	76.2	76.2	76.2	76.3	76.3	76.4
≥7000	9.5	69.2	73.3	75.3	76.4	76.6	76.9	77.2	77.2	77.4	77.5	77.5	77.6	77.6	77.6	77.7
≥6000	9.5	69.8	74.1	76.0	77.1	77.4	77.7	77.9	78.0	78.1	78.3	78.3	78.4	78.4	78.4	78.5
≥5000	9.6	71.3	75.7	77.8	79.0	79.3	79.6	79.8	79.9	80.0	80.2	80.2	80.3	80.3	80.3	80.4
≥4500	9.7	71.6	76.0	78.1	79.3	79.6	79.9	80.2	80.2	80.4	80.5	80.5	80.6	80.6	80.7	80.7
≥4000	9.7	73.4	77.9	80.1	81.4	81.7	82.1	82.4	82.5	82.6	82.6	82.8	82.9	82.9	82.9	83.0
≥3500	9.8	74.6	79.2	81.5	82.9	83.2	83.6	83.9	84.0	84.1	84.3	84.3	84.4	84.4	84.4	84.5
≥3000	9.9	76.2	80.9	83.3	84.8	85.2	85.6	85.9	86.0	86.1	86.3	86.3	86.4	86.4	86.4	86.5
≥2500	9.9	77.0	81.9	84.3	86.0	86.4	86.8	87.1	87.2	87.4	87.5	87.5	87.6	87.6	87.6	87.7
≥2000	10.0	78.2	83.2	85.8	87.5	87.9	88.3	88.6	88.7	88.9	89.0	89.1	89.1	89.2	89.2	89.3
≥1800	10.0	78.4	83.5	86.2	87.9	88.3	88.7	89.0	89.1	89.3	89.5	89.5	89.6	89.6	89.6	89.7
≥1500	10.0	79.3	84.4	87.2	89.1	89.5	90.0	90.3	90.4	90.6	90.7	90.7	90.8	90.9	90.9	91.0
≥1200	10.0	80.4	85.6	88.6	91.6	91.0	91.6	91.9	92.0	92.2	92.3	92.3	92.4	92.4	92.4	92.5
≥1000	10.0	80.9	86.4	89.5	91.6	92.1	92.6	93.0	93.1	93.2	93.4	93.4	93.5	93.5	93.5	93.6
≥900	10.0	81.2	86.7	89.9	92.1	92.6	93.2	93.6	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.2
≥800	10.0	81.6	87.3	90.7	93.0	93.6	94.3	94.7	94.8	95.0	95.2	95.2	95.3	95.3	95.3	95.4
≥700	10.0	81.9	87.8	91.2	93.6	94.3	95.0	95.4	95.5	95.7	95.9	95.9	96.0	96.0	96.0	96.1
≥600	10.0	82.2	88.1	91.7	94.3	95.0	95.7	96.3	96.4	96.6	96.7	96.8	96.9	96.9	96.9	97.0
≥500	10.0	82.6	88.6	92.3	95.1	95.9	96.8	97.4	97.6	97.8	98.0	98.1	98.1	98.2	98.2	98.3
≥400	10.0	82.6	88.7	92.3	95.2	96.1	97.1	97.7	98.0	98.3	98.5	98.5	98.6	98.6	98.7	98.7
≥300	10.0	82.6	88.7	92.4	95.3	96.2	97.4	98.2	98.8	98.8	99.0	99.1	99.3	99.3	99.3	99.4
≥200	10.0	82.6	88.7	92.4	95.4	96.3	97.4	98.3	98.6	98.6	99.0	99.2	99.3	99.6	99.6	99.8
≥100	10.0	82.6	88.7	92.4	95.4	96.3	97.4	98.3	98.6	98.6	99.0	99.2	99.3	99.6	99.7	99.9
≥0	10.0	82.6	88.7	92.4	95.4	96.3	97.4	98.3	98.6	98.6	99.0	99.2	99.3	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7437

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

63-70, 73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0000
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.7	≥.6	≥.5	≥.4	≥.3
NO CEILING	1.4	42.9	58.1	62.9	66.0	66.7	67.1	67.3	67.3	67.3	67.4	67.4	67.6	67.6	67.6	67.7
≥ 20000	1.7	51.9	61.3	66.8	71.0	70.9	71.4	71.7	71.7	71.7	71.8	71.8	71.9	71.9	71.9	72.0
≥ 18000	1.7	52.1	61.4	66.9	71.1	71.1	71.6	71.8	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.1
≥ 16000	1.8	52.4	61.9	67.4	71.7	71.6	72.1	72.3	72.3	72.3	72.4	72.4	72.6	72.6	72.6	72.7
≥ 14000	1.8	53.4	62.9	68.9	72.1	73.0	73.6	73.8	73.8	73.8	73.9	73.9	74.3	74.3	74.3	74.4
≥ 12000	1.8	54.3	64.1	70.3	73.6	74.4	75.0	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.6
≥ 10000	2.0	56.9	67.3	74.1	77.4	78.3	78.9	79.1	79.1	79.1	79.2	79.2	79.3	79.3	79.3	79.4
≥ 9000	2.0	57.6	68.0	74.8	78.1	79.0	79.6	79.8	79.8	79.8	79.9	79.9	80.0	80.0	80.0	80.1
≥ 8000	2.0	59.1	69.8	76.8	80.2	81.1	81.7	81.9	81.9	81.9	82.0	82.0	82.1	82.1	82.1	82.2
≥ 7000	2.0	59.7	70.3	77.3	80.8	81.7	82.2	82.4	82.4	82.4	82.6	82.6	82.7	82.7	82.7	82.8
≥ 6000	2.0	60.1	70.8	73.1	81.4	82.3	82.9	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.4
≥ 5000	2.0	62.0	73.2	80.7	84.1	85.0	85.6	85.8	85.8	85.8	85.9	85.9	86.0	86.0	86.0	86.1
≥ 4500	2.0	62.1	73.4	80.9	84.3	85.2	85.8	86.0	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.3
≥ 4000	2.0	63.3	74.9	82.4	86.2	87.1	87.8	88.0	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.3
≥ 3500	2.0	63.7	75.2	82.9	86.7	87.6	88.2	88.4	88.4	88.4	88.6	88.6	88.7	88.7	88.7	88.8
≥ 3000	2.0	64.6	76.3	84.3	88.3	89.2	89.9	90.2	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.6
≥ 2500	2.0	65.2	77.1	85.3	89.6	90.4	91.2	91.6	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.9
≥ 2000	2.0	65.6	77.8	86.2	90.6	91.4	92.2	92.6	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.9
≥ 1800	2.0	65.6	77.8	86.2	90.6	91.4	92.2	92.6	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.9
≥ 1500	2.0	65.9	78.2	86.7	91.2	92.1	92.9	93.3	93.3	93.3	93.4	93.4	93.6	93.6	93.7	93.8
≥ 1200	2.0	66.2	78.7	87.1	92.0	92.9	93.7	94.1	94.2	94.2	94.3	94.3	94.4	94.4	94.6	94.7
≥ 1000	2.0	66.4	79.0	87.6	92.4	93.3	94.2	94.7	94.8	94.8	94.9	94.9	95.0	95.0	95.1	95.2
≥ 900	2.0	66.7	79.3	88.0	92.9	93.8	94.8	95.2	95.3	95.3	95.4	95.4	95.6	95.6	95.7	95.8
≥ 800	2.2	67.1	80.0	88.8	93.7	94.6	95.7	96.1	96.2	96.2	96.3	96.3	96.4	96.4	96.6	96.7
≥ 700	2.2	67.3	80.2	89.3	94.2	95.1	96.2	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.2
≥ 600	2.2	67.8	81.1	90.1	95.0	95.9	97.0	97.4	97.6	97.6	97.7	97.7	97.8	97.8	97.9	98.0
≥ 500	2.2	67.9	81.4	90.8	95.7	96.6	97.7	98.1	98.2	98.2	98.3	98.3	98.4	98.4	98.6	98.7
≥ 400	2.2	68.2	81.8	91.0	96.1	97.0	98.3	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.2	99.3
≥ 300	2.2	68.2	81.8	91.1	96.3	97.2	98.7	99.2	99.3	99.3	99.4	99.4	99.6	99.6	99.7	99.8
≥ 200	2.2	68.2	81.8	91.1	96.3	97.3	98.8	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.9
≥ 100	2.2	68.2	81.8	91.1	96.3	97.3	98.8	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.9
≥ 0	2.2	68.2	81.8	91.1	96.3	97.3	98.8	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

66-70, 73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-1500
HOURS IST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	52.9	42.9	53.9	56.7	58.7	60.4	62.4	62.7	63.1	63.7	63.7	64.0	64.0	64.2	64.2	64.2
≥ 20000	34.0	44.9	53.3	59.8	61.9	64.0	66.1	66.3	66.8	67.3	67.3	67.7	67.7	67.9	68.0	68.0
IV 18000	34.1	45.1	53.4	59.9	62.0	64.1	66.2	66.4	66.9	67.4	67.4	67.8	67.8	68.0	68.1	68.1
IV 16000	34.2	45.1	53.6	60.0	62.1	64.2	66.3	66.6	67.3	67.6	67.6	67.9	67.9	68.1	68.2	68.2
IV 14000	35.2	45.1	54.6	61.2	63.3	65.4	67.6	67.8	68.2	68.8	68.8	69.1	69.1	69.3	69.4	69.4
IV 12000	35.9	46.9	55.6	62.3	64.6	66.7	68.8	69.0	69.4	70.0	70.0	70.3	70.3	70.6	70.7	70.7
IV 10000	37.9	49.8	58.7	65.4	67.7	70.0	72.3	72.6	73.0	73.6	73.6	73.9	73.9	74.1	74.2	74.2
IV 9000	38.1	50.1	59.1	65.9	68.1	70.4	72.8	73.0	73.4	74.0	74.0	74.3	74.3	74.7	74.8	74.8
IV 8000	39.9	52.1	61.2	68.1	70.3	72.7	75.0	75.2	75.7	76.2	76.2	76.6	76.6	76.9	77.0	77.0
IV 7000	40.2	52.3	61.7	68.7	70.9	73.2	75.6	75.8	76.2	76.8	76.8	77.1	77.1	77.4	77.6	77.6
IV 6000	40.6	52.8	62.6	69.6	71.8	74.1	76.4	76.7	77.1	77.7	77.7	78.1	78.1	78.4	78.6	78.6
IV 5000	41.2	53.6	63.7	70.9	73.1	75.4	77.8	78.0	78.4	79.0	79.0	79.4	79.4	79.8	79.9	79.9
IV 4500	41.4	53.8	63.9	71.1	73.3	75.7	78.0	78.2	78.7	79.2	79.2	79.7	79.7	80.0	80.1	80.1
IV 4000	42.8	55.1	65.6	72.8	75.0	77.3	79.7	79.9	80.4	81.0	81.0	81.4	81.4	81.8	81.9	81.9
IV 3500	43.2	55.6	66.1	73.3	75.6	78.0	80.3	80.6	81.1	81.7	81.7	82.1	82.1	82.4	82.6	82.6
IV 3000	43.6	56.1	66.8	74.3	76.6	79.0	81.3	81.6	82.1	82.7	82.7	83.1	83.1	83.4	83.6	83.6
IV 2500	44.1	57.1	67.7	75.4	77.9	80.3	82.8	83.0	83.6	84.1	84.1	84.6	84.6	84.9	85.0	85.0
IV 2000	44.8	57.8	68.7	76.7	79.1	81.7	84.1	84.3	84.9	85.4	85.4	85.9	85.9	86.2	86.3	86.3
IV 1800	44.9	57.9	68.8	76.8	79.2	81.8	84.2	84.6	85.1	85.7	85.7	86.1	86.1	86.4	86.6	86.6
IV 1500	45.1	58.4	69.3	77.4	80.0	82.6	85.1	85.4	86.0	86.6	86.6	87.0	87.0	87.4	87.6	87.6
IV 1200	45.8	59.3	70.4	78.8	81.4	84.0	86.7	87.0	87.6	88.1	88.1	88.6	88.6	89.0	89.1	89.1
IV 1000	46.2	59.8	70.9	79.2	81.9	84.4	87.2	87.6	88.1	88.7	88.7	89.1	89.1	89.4	89.7	89.7
IV 900	46.3	60.0	71.6	80.1	83.0	85.7	88.4	88.8	89.3	89.9	89.9	90.3	90.3	90.8	90.9	90.9
IV 800	46.9	60.7	72.2	80.9	83.9	86.6	89.3	89.7	90.2	90.8	90.8	91.2	91.2	91.7	91.8	91.8
IV 700	46.9	60.7	72.2	80.9	83.9	86.7	89.8	90.1	90.7	91.2	91.2	91.8	91.8	92.2	92.3	92.3
IV 600	47.0	60.8	72.9	81.7	84.8	87.6	90.9	91.2	91.9	92.4	92.4	93.0	93.0	93.4	93.6	93.6
IV 500	47.2	61.4	73.6	82.7	86.0	89.0	92.3	92.7	93.3	93.9	93.9	94.4	94.4	95.0	95.1	95.1
IV 400	47.4	62.1	74.2	83.9	87.2	90.7	94.2	94.7	95.3	95.9	95.9	96.4	96.4	97.0	97.1	97.1
IV 300	47.4	62.3	74.6	84.6	87.9	91.3	95.1	95.6	96.2	96.8	96.8	97.3	97.3	97.9	98.1	98.1
IV 200	47.4	62.4	74.7	84.7	88.0	91.6	95.4	96.0	96.8	97.6	97.6	98.1	98.1	98.8	99.2	99.2
IV 100	47.4	62.4	74.7	84.7	88.0	91.6	95.4	96.0	96.9	97.8	97.8	98.6	98.6	99.3	99.8	99.8
IV 0	47.4	62.4	74.7	84.7	88.0	91.6	95.4	96.0	96.9	97.8	97.8	98.6	98.6	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

997

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

66-70, 73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-0800
HOURS LST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	2.0	39.8	44.1	45.9	53.3	54.8	55.8	57.4	57.7	58.1	58.6	58.7	58.8	58.8	58.8	58.9
≥ 20000	2.0	42.9	47.9	53.8	57.7	59.4	60.4	62.3	62.6	63.0	63.4	63.6	63.7	64.1	64.1	64.3
≥ 18000	2.0	43.1	48.1	54.1	57.9	59.8	60.8	62.8	63.0	63.4	63.9	64.0	64.1	64.6	64.6	64.8
≥ 16000	2.0	43.3	48.3	54.2	58.1	60.0	61.0	63.0	63.2	63.7	64.1	64.2	64.3	64.8	64.8	65.0
≥ 14000	2.0	44.6	49.8	55.7	59.5	61.4	62.4	64.4	64.7	65.1	65.6	65.7	65.8	66.2	66.2	66.4
≥ 12000	2.0	45.4	50.7	56.8	60.7	62.6	63.6	65.6	65.8	66.2	66.7	66.8	66.9	67.3	67.3	67.6
≥ 10000	2.0	47.9	53.8	60.0	64.3	66.2	67.2	69.2	69.4	69.9	70.3	70.4	70.6	71.0	71.0	71.2
≥ 9000	2.0	48.6	54.6	60.8	65.1	67.1	68.2	70.2	70.4	70.9	71.3	71.4	71.6	72.0	72.0	72.2
≥ 8000	2.0	49.8	56.3	62.6	67.2	69.3	70.4	72.8	73.1	73.7	74.1	74.2	74.3	74.8	74.8	75.0
≥ 7000	2.0	50.7	56.9	63.6	68.3	70.4	71.6	73.9	74.2	74.8	75.2	75.3	75.4	75.9	75.9	76.1
≥ 6000	2.0	51.1	57.4	64.1	68.9	71.0	72.1	74.4	74.8	75.3	75.8	75.9	76.0	76.4	76.4	76.7
≥ 5000	2.0	51.7	58.1	64.8	69.6	71.7	72.9	75.2	75.6	76.1	76.6	76.7	76.8	77.3	77.3	77.6
≥ 4500	2.0	52.1	58.4	65.2	70.0	72.1	73.3	75.7	76.0	76.6	77.0	77.1	77.2	77.8	77.8	78.0
≥ 4000	2.0	52.6	59.0	65.8	70.6	72.8	74.0	76.3	76.7	77.2	77.7	77.8	77.9	78.4	78.4	78.7
≥ 3500	2.0	53.1	59.6	66.3	71.1	73.3	74.6	77.0	77.3	77.9	78.4	78.6	78.7	79.2	79.2	79.4
≥ 3000	2.0	53.6	60.2	67.0	72.0	74.2	75.6	78.1	78.4	79.0	79.6	79.7	79.8	80.3	80.3	80.6
≥ 2500	2.0	53.9	60.6	67.3	72.6	74.8	76.1	78.9	79.2	79.8	80.3	80.4	80.6	81.1	81.1	81.3
≥ 2000	2.0	54.3	61.1	68.0	73.2	75.4	76.8	79.8	80.1	80.7	81.2	81.3	81.4	82.0	82.0	82.2
≥ 1800	2.0	54.4	61.2	68.1	73.3	75.6	76.9	80.0	80.4	81.0	81.6	81.7	81.8	82.3	82.3	82.6
≥ 1500	2.0	54.7	61.4	68.3	73.7	75.9	77.2	80.3	80.9	81.4	82.0	82.1	82.2	82.8	82.8	83.0
≥ 1200	2.1	55.1	61.9	68.7	74.8	77.0	78.3	81.4	82.0	82.6	83.1	83.2	83.3	83.9	83.9	84.1
≥ 1000	2.1	56.1	63.0	70.2	76.1	78.4	79.9	83.1	83.8	84.3	84.9	85.0	85.1	85.7	85.7	85.9
≥ 900	2.1	56.6	63.4	70.8	76.7	79.1	80.7	83.9	84.6	85.1	85.7	85.8	85.9	86.4	86.4	86.7
≥ 800	2.1	57.2	64.3	71.8	78.0	80.7	82.2	85.6	86.2	86.8	87.3	87.4	87.6	88.1	88.1	88.3
≥ 700	2.1	57.9	65.2	72.7	79.0	81.8	83.3	86.8	87.4	88.0	88.5	88.7	88.8	89.3	89.3	89.6
≥ 600	2.1	58.4	66.3	74.2	80.8	83.7	85.7	89.8	90.0	90.8	91.3	91.4	91.6	92.1	92.1	92.3
≥ 500	2.1	58.7	66.9	75.2	82.1	85.1	87.4	91.3	92.0	92.8	93.3	93.4	93.6	94.1	94.1	94.3
≥ 400	2.1	58.9	67.4	75.9	83.1	86.3	89.3	93.4	94.1	95.2	95.8	95.9	96.2	97.0	97.0	97.4
≥ 300	2.1	58.9	67.4	76.0	83.4	86.7	89.8	94.2	95.3	96.6	97.1	97.2	98.1	98.9	98.9	99.6
≥ 200	2.1	58.9	67.4	76.0	83.4	86.7	89.8	94.2	95.3	96.6	97.1	97.2	98.1	98.9	99.0	99.9
≥ 100	2.1	58.9	67.4	76.0	83.4	86.7	89.8	94.2	95.3	96.6	97.1	97.2	98.1	98.9	99.0	100.0
≥ 0	2.1	58.9	67.4	76.0	83.4	86.7	89.8	94.2	95.3	96.6	97.1	97.2	98.1	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

56-70, 73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

5900-1100
HOURS (LT)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .3	≥ .25	≥ .2	≥ .16	≥ .1
NO CEILING	3.1	59.7	62.7	63.1	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000	3.2	65.0	67.7	68.9	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	3.2	66.0	68.7	69.9	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 16000	3.2	66.0	68.7	69.9	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 14000	3.2	66.0	68.7	69.9	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 12000	3.2	66.0	68.7	69.9	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 10000	3.3	69.9	72.7	73.9	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 9000	3.3	70.8	73.6	74.8	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 8000	3.4	73.7	76.8	78.1	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	3.4	74.6	77.8	79.2	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000	3.4	74.9	78.2	79.9	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	3.4	75.1	78.7	80.4	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	3.4	75.2	78.8	80.6	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	3.4	75.2	78.8	80.6	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	3.4	75.7	79.4	81.2	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000	3.6	77.6	81.8	83.8	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2500	3.6	78.8	83.1	85.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	3.6	80.8	85.1	87.1	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	3.6	81.1	85.4	87.7	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	3.6	82.8	87.3	89.6	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200	4.0	84.7	89.4	91.8	93.2	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000	4.0	86.0	91.0	93.8	95.3	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	4.0	86.1	91.1	93.9	95.4	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	4.0	87.3	92.4	95.3	97.0	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	4.0	87.6	92.7	95.7	97.4	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	4.0	87.9	93.1	96.1	97.9	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	4.0	88.2	93.6	96.7	98.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	4.0	88.3	93.7	96.9	98.7	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	4.0	88.3	93.7	96.9	98.7	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	4.0	88.3	93.7	96.9	98.7	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	4.0	88.3	93.7	96.9	98.7	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	4.0	88.3	93.7	96.9	98.7	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JULY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	2.7	58.6	61.3	67.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 20000	3.1	67.1	69.1	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 18000	3.1	67.7	69.7	71.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 16000	3.1	67.8	69.8	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 14000	3.2	69.1	71.1	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 12000	3.3	69.7	71.7	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 10000	3.9	72.8	74.8	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 9000	4.0	73.3	75.3	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 8000	4.2	75.4	77.4	77.9	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 7000	4.2	77.1	79.1	79.6	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	4.2	77.7	79.7	80.2	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	4.2	78.6	80.6	81.4	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	4.2	79.2	81.4	82.1	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	4.2	80.7	83.0	83.7	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	4.2	82.6	85.3	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3000	4.7	86.8	89.4	90.3	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	4.9	88.0	90.8	91.7	92.1	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	4.9	89.7	92.6	93.7	94.1	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	4.9	90.3	92.9	94.1	94.6	94.6	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	4.9	91.3	94.2	95.7	96.3	96.3	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	4.9	92.4	95.6	97.0	97.8	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	4.9	92.9	96.1	97.7	98.4	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	4.9	92.9	96.1	97.7	98.4	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	4.9	93.1	96.4	98.0	98.9	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	4.9	93.1	96.4	98.0	98.9	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	4.9	93.2	96.7	98.2	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	4.9	93.3	97.0	98.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	4.9	93.3	97.0	98.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	4.9	93.3	97.0	98.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	4.9	93.3	97.0	98.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	4.9	93.3	97.0	98.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	4.9	93.3	97.0	98.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1:713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	3.2	57.2	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥20000	4.3	68.8	69.6	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥18000	4.3	69.7	70.6	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥16000	4.3	69.8	70.7	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥14000	4.3	71.4	72.4	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥12000	4.9	73.2	74.2	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥10000	5.0	75.8	76.9	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥9000	5.0	76.0	77.2	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥8000	5.2	78.1	79.4	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥7000	5.2	79.9	81.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥6000	5.6	81.2	82.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥5000	5.6	81.8	83.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥4500	5.6	82.7	83.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥4000	5.7	83.8	85.5	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥3500	5.8	85.7	87.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥3000	6.1	88.8	91.4	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥2500	6.1	89.9	92.7	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥2000	6.2	91.0	93.8	95.1	95.6	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥1800	6.2	91.2	94.0	95.6	96.0	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥1500	6.2	92.0	94.9	96.7	97.1	97.2	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥1200	6.2	92.7	95.7	97.4	98.0	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥1000	6.2	92.7	95.7	97.6	98.1	98.2	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥900	6.2	92.8	95.8	97.8	98.3	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥800	6.2	93.0	96.0	98.0	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥700	6.2	93.2	96.2	98.2	99.1	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥600	6.2	93.3	96.3	98.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	6.2	93.3	96.3	98.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	6.2	93.3	96.3	98.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	6.2	93.3	96.3	98.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	6.2	93.3	96.3	98.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	6.2	93.3	96.3	98.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	6.2	93.3	96.3	98.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	3.9	58.7	60.1	61.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	5.0	69.4	71.3	72.7	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 18000	5.3	69.8	72.3	73.6	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 16000	5.0	70.1	72.3	73.9	74.4	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 14000	5.0	71.1	73.3	74.9	75.4	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 12000	5.0	72.9	75.2	76.9	77.4	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 10000	5.4	75.2	78.0	79.7	80.2	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 9000	5.4	75.4	78.3	80.1	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 8000	5.6	77.7	81.6	82.4	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	5.6	79.7	82.3	83.9	84.4	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000	5.8	80.8	83.8	85.7	86.2	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 5000	5.8	81.8	84.8	86.8	87.3	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	5.8	82.0	85.0	87.0	87.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	5.8	83.0	86.2	88.3	89.0	89.1	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3500	5.8	83.8	87.4	89.6	90.2	90.4	90.6	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3000	5.8	85.1	89.0	91.4	92.3	92.6	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	5.8	85.9	90.0	92.6	93.4	93.7	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	5.8	87.0	91.3	94.1	95.0	95.2	95.4	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	5.8	87.6	91.9	94.8	95.7	95.9	96.1	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	5.8	88.1	92.4	95.6	96.4	96.7	96.9	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	5.8	88.4	92.9	96.1	97.1	97.3	97.6	97.8	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	5.8	88.7	93.1	96.3	97.3	97.6	97.8	98.0	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	5.8	88.8	93.2	96.4	97.4	97.7	97.9	98.1	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	5.8	88.9	93.3	96.6	97.6	97.8	98.0	98.2	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	5.8	88.9	93.3	96.6	97.6	97.8	98.0	98.2	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	5.8	89.3	93.9	97.3	98.3	98.6	98.8	99.0	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	5.8	89.3	93.9	97.3	98.4	98.7	99.0	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	5.8	89.3	93.9	97.3	98.4	98.7	99.0	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	5.8	89.3	93.9	97.3	98.4	98.7	99.0	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	5.8	89.3	93.9	97.3	98.4	98.7	99.0	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	5.8	89.3	93.9	97.3	98.4	98.7	99.0	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	5.8	89.3	93.9	97.3	98.4	98.7	99.0	99.2	99.3	99.6	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

58-70, 73-79
PERIOD

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1100-2300
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	2.7	60.2	64.7	67.4	67.9	68.3	68.3	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 20000	2.8	65.3	71.1	74.7	74.4	74.9	75.1	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 18000	1.8	65.8	71.7	74.8	75.2	75.8	76.0	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 16000	2.8	66.3	71.9	75.0	75.4	76.0	76.2	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	2.8	66.4	72.3	75.4	75.9	76.4	76.7	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 12000	2.8	67.6	74.0	77.3	77.8	78.3	78.6	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 10000	3.2	69.7	76.1	79.6	80.1	80.7	81.0	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 9000	3.2	70.3	76.7	80.1	80.7	81.2	81.6	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	3.2	71.4	78.1	81.8	82.3	82.9	83.2	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 7000	3.2	72.6	79.2	82.9	83.4	84.0	84.3	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000	3.2	73.3	80.0	83.7	84.2	84.8	85.1	85.2	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 5000	3.2	75.1	81.9	85.6	86.1	86.7	87.0	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4500	3.2	75.3	82.2	85.9	86.4	87.0	87.3	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4000	3.2	76.7	83.8	87.6	88.1	88.7	89.0	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3500	3.2	77.6	85.1	89.1	89.9	90.4	90.8	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3000	3.2	78.6	86.3	90.9	92.1	92.7	93.0	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	3.2	79.0	86.9	91.7	92.9	93.4	93.8	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	3.2	80.0	88.3	93.3	94.8	95.3	95.7	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	3.2	80.1	88.4	93.4	94.9	95.4	95.8	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	3.2	81.3	89.6	94.7	96.2	96.8	97.1	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	3.2	81.0	89.7	95.5	96.6	97.3	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	3.2	81.3	90.0	95.4	97.1	97.9	98.4	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	3.2	81.4	90.2	95.7	97.3	98.1	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	3.2	81.4	90.3	95.8	97.4	98.2	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	3.2	81.4	90.3	95.8	97.4	98.2	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	3.2	81.8	90.7	96.1	97.8	98.6	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	3.2	81.9	90.8	96.2	98.0	98.8	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	3.2	81.9	90.8	96.2	98.0	98.8	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	3.2	81.9	90.8	96.2	98.0	98.8	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	3.2	81.9	90.8	96.2	98.0	98.8	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	3.2	81.9	90.8	96.2	98.0	98.8	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	3.2	81.9	90.8	96.2	98.0	98.8	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713 SEYMOUR-JOHNSON AFB NC

68-73-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	2.5	52.0	58.2	59.2	61.0	61.6	62.0	62.5	62.6	62.7	62.9	62.9	62.9	62.9	63.7	63.7
≥20000	2.8	58.1	62.9	66.1	68.1	65.8	69.3	69.6	69.9	70.3	70.2	71.2	71.2	70.3	70.3	70.4
≥18000	2.8	58.5	63.4	66.7	68.7	69.4	69.6	70.5	70.5	70.7	70.8	70.8	70.9	70.9	71.0	71.0
≥16000	2.9	58.7	63.6	66.9	68.9	69.6	70.1	70.7	70.7	70.9	71.0	71.0	71.1	71.2	71.2	71.2
≥14000	2.9	59.8	64.7	68.1	70.1	70.8	71.3	71.9	71.9	72.1	72.2	72.2	72.3	72.4	72.4	72.4
≥12000	3.7	60.8	65.8	69.4	71.4	72.1	72.6	73.2	73.2	73.4	73.5	73.5	73.6	73.7	73.7	73.7
≥10000	3.2	63.3	67.7	70.3	74.4	75.2	75.7	76.3	76.4	76.5	76.7	76.7	76.7	76.6	76.8	76.9
≥9000	3.2	63.7	69.2	72.9	75.0	75.8	76.3	76.9	77.0	77.1	77.3	77.3	77.3	77.4	77.4	77.5
≥8000	3.3	65.6	71.3	75.2	77.4	78.1	78.7	79.3	79.4	79.6	79.7	79.7	79.8	79.8	79.9	79.9
≥7000	3.3	66.7	72.4	76.3	78.5	79.3	79.8	80.5	80.6	80.7	80.9	80.9	80.9	81.0	81.0	81.1
≥6000	3.4	67.5	73.2	77.3	79.5	80.2	80.8	81.4	81.5	81.7	81.8	81.8	81.9	81.9	82.0	82.0
≥5000	3.4	68.4	74.3	78.5	80.7	81.5	82.0	82.7	82.8	82.9	83.1	83.1	83.2	83.3	83.3	83.3
≥4500	3.4	68.7	74.6	78.8	81.0	81.8	82.3	83.0	83.1	83.2	83.4	83.4	83.5	83.5	83.6	83.6
≥4000	3.4	69.8	75.6	80.1	82.0	83.1	83.7	84.4	84.5	84.6	84.9	84.8	84.9	84.9	85.0	85.0
≥3500	3.4	70.6	76.9	81.2	83.0	84.3	84.9	85.6	85.7	85.9	86.0	86.0	86.1	86.1	86.2	86.3
≥3000	3.5	72.3	78.8	83.4	85.9	86.7	87.3	88.0	88.1	88.3	88.5	88.5	88.6	88.6	88.7	88.7
≥2500	3.5	73.1	79.8	84.4	87.1	87.9	88.5	89.3	89.4	89.6	89.7	89.7	89.8	89.8	89.9	89.9
≥2000	3.5	74.1	81.0	85.8	88.5	89.4	90.1	90.9	90.9	91.2	91.3	91.4	91.4	91.5	91.6	91.6
≥1800	3.6	74.4	81.2	86.1	88.8	89.7	90.4	91.2	91.3	91.5	91.7	91.7	91.8	91.9	91.9	92.0
≥1500	3.6	75.1	82.1	87.1	89.9	90.8	91.5	92.3	92.4	92.7	92.8	92.8	92.9	93.0	93.1	93.1
≥1200	3.6	75.8	82.9	88.0	91.0	91.9	92.6	93.5	93.7	93.9	94.1	94.1	94.2	94.3	94.3	94.4
≥1000	3.6	76.3	83.5	88.7	91.8	92.7	93.4	94.4	94.5	94.7	94.9	94.9	95.0	95.1	95.2	95.2
≥900	3.6	76.4	83.7	89.0	92.1	93.1	93.9	94.8	94.9	95.2	95.4	95.4	95.5	95.5	95.6	95.7
≥800	3.7	76.9	84.2	89.6	92.8	93.8	94.6	95.6	95.7	96.0	96.2	96.2	96.3	96.3	96.4	96.4
≥700	3.7	77.0	84.4	89.8	93.1	94.1	94.9	95.9	96.1	96.3	96.5	96.5	96.6	96.7	96.8	96.8
≥600	3.7	77.1	84.7	90.0	93.3	94.3	95.1	96.1	96.2	96.4	96.6	96.6	96.7	96.8	96.9	96.9
≥500	3.7	77.5	85.2	90.8	94.3	95.4	96.4	97.5	97.7	97.9	98.1	98.1	98.2	98.3	98.4	98.4
≥400	3.7	77.6	85.4	91.1	94.7	95.8	97.0	98.1	98.3	98.6	98.8	98.8	98.9	99.0	99.1	99.2
≥300	3.7	77.6	85.4	91.1	94.8	95.9	97.1	98.4	98.6	98.9	99.1	99.1	99.3	99.4	99.4	99.5
≥200	3.7	77.6	85.4	91.2	94.8	96.0	97.2	98.5	98.7	99.0	99.3	99.3	99.5	99.6	99.7	99.8
≥100	3.7	77.6	85.4	91.2	94.8	96.0	97.2	98.5	98.7	99.0	99.3	99.3	99.5	99.7	99.8	99.9
≥0	3.7	77.6	85.4	91.2	94.8	96.0	97.2	98.5	98.7	99.0	99.3	99.3	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17113
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70,73-70
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	>10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.10	≥.05	≥.01	≥0
NO CEILING	1.2	43.0	53.7	63.1	68.2	68.9	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 20000	1.2	45.4	57.8	67.7	73.0	73.8	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 18000	1.2	45.4	58.7	67.8	73.1	73.9	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 16000	1.2	45.5	58.2	68.2	73.5	74.3	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	1.2	45.9	58.6	68.9	74.5	75.3	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 12000	1.2	46.8	59.7	70.2	76.0	76.8	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 10000	1.2	48.6	62.2	73.3	79.4	80.1	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 9000	1.2	49.2	63.7	74.3	80.3	81.1	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 8000	1.2	51.7	65.9	77.8	84.6	85.4	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	1.2	51.8	66.1	78.1	84.8	85.6	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 6000	1.2	52.2	66.5	78.6	85.7	86.5	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 5000	1.2	52.8	67.7	80.2	87.4	88.3	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4500	1.2	52.9	68.0	80.4	87.6	88.6	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	1.2	53.3	68.9	81.7	88.9	89.9	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3500	1.2	54.1	69.7	82.5	89.8	90.8	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	1.2	55.6	71.6	84.7	92.0	93.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	1.2	56.0	72.0	85.3	92.6	93.5	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	1.2	56.0	72.0	85.3	92.6	93.5	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	1.2	56.0	72.0	85.3	92.7	93.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	1.2	56.1	72.0	85.5	92.9	94.1	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	1.2	56.8	72.9	86.2	93.7	94.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	1.2	56.9	73.2	86.6	94.0	95.3	96.5	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	1.2	56.9	73.2	86.6	94.0	95.3	96.5	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	1.2	57.0	73.3	86.9	94.3	95.7	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	1.2	57.0	73.3	87.0	94.4	95.8	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	1.2	57.0	73.4	87.1	94.5	95.9	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	1.2	57.1	74.0	87.6	95.2	97.0	98.5	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	1.2	57.1	74.0	87.7	95.3	97.1	98.6	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	1.2	57.1	74.0	87.7	95.3	97.1	98.6	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	1.2	57.1	74.0	87.7	95.3	97.1	98.6	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	1.2	57.1	74.0	87.7	95.3	97.1	98.6	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	1.2	57.1	74.0	87.7	95.3	97.1	98.6	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAU

CEILING VERSUS VISIBILITY

7713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-1500
HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	25.6	42.8	52.4	57.4	59.2	61.6	64.5	64.7	65.2	65.3	65.3	65.7	65.7	66.0	66.0	66.0
≥ 20000	31.1	42.8	52.4	61.9	64.0	66.7	69.9	70.1	71.5	70.6	70.6	71.1	71.1	71.4	71.4	71.4
≥ 18000	31.1	42.8	52.4	62.0	64.1	66.9	70.1	70.3	70.8	70.9	70.9	71.3	71.3	71.6	71.6	71.6
≥ 16000	31.1	42.8	52.4	62.0	64.1	66.9	70.1	70.3	70.8	70.9	70.9	71.3	71.3	71.6	71.6	71.6
IV 14000	31.9	44.0	53.7	63.3	65.4	68.2	71.6	71.8	72.3	72.4	72.4	72.8	72.8	73.1	73.1	73.1
IV 12000	33.3	45.6	55.4	65.3	67.3	70.2	73.7	73.9	74.3	74.4	74.4	74.8	74.8	75.2	75.2	75.2
IV 10000	35.3	48.1	58.7	68.8	70.9	73.9	77.5	77.7	78.2	78.3	78.3	78.7	78.7	79.1	79.1	79.1
IV 9000	35.8	48.7	59.4	69.5	71.6	74.6	78.3	78.5	78.9	79.0	79.0	79.5	79.5	79.9	79.9	79.9
IV 8000	37.4	50.8	61.7	71.9	74.4	77.4	81.1	81.3	81.7	81.8	81.8	82.3	82.3	82.7	82.7	82.7
IV 7000	37.5	51.7	61.9	72.2	74.6	77.6	81.3	81.5	81.9	82.0	82.0	82.5	82.5	82.9	82.9	82.9
IV 6000	37.5	51.7	61.9	72.2	74.7	77.7	81.4	81.6	82.0	82.2	82.2	82.6	82.6	83.0	83.0	83.0
IV 5000	38.1	51.8	63.0	73.2	76.3	79.5	83.2	83.4	83.9	84.0	84.0	84.4	84.4	84.8	84.8	84.8
IV 4500	38.3	52.0	63.3	73.5	76.8	79.9	83.7	83.9	84.3	84.4	84.4	84.8	84.8	85.3	85.3	85.3
IV 4000	36.7	52.7	64.1	74.6	77.8	81.0	84.7	84.9	85.4	85.5	85.5	85.9	85.9	86.3	86.3	86.3
IV 3500	39.0	53.1	64.5	75.2	78.4	81.5	85.3	85.5	85.9	86.0	86.0	86.5	86.5	86.9	86.9	86.9
IV 3000	39.6	54.0	65.6	76.3	79.6	82.7	86.5	86.7	87.1	87.2	87.2	87.6	87.6	88.1	88.1	88.1
IV 2500	39.8	54.2	65.8	76.7	79.9	83.0	86.8	87.0	87.4	87.5	87.5	88.0	88.0	88.4	88.4	88.4
IV 2000	40.0	54.4	66.1	77.0	80.2	83.3	87.2	87.4	87.8	88.0	88.0	88.4	88.4	88.8	88.8	88.8
IV 1800	40.0	54.5	66.2	77.1	80.3	83.4	87.3	87.5	88.0	88.1	88.1	88.5	88.5	88.9	88.9	88.9
IV 1500	40.2	54.8	66.6	77.4	80.6	83.8	87.6	87.8	88.3	88.4	88.4	88.8	88.8	89.2	89.2	89.2
IV 1200	40.3	55.1	66.9	77.7	81.0	84.2	88.1	88.3	88.7	88.8	88.8	89.2	89.2	89.7	89.7	89.7
IV 1000	40.5	55.5	67.3	78.2	81.4	84.7	88.7	88.9	89.4	89.5	89.5	90.0	90.0	90.4	90.4	90.4
IV 900	40.5	55.5	67.4	78.6	81.8	85.3	89.4	89.6	90.0	90.1	90.1	90.6	90.6	91.1	91.1	91.1
IV 800	40.6	55.7	67.7	79.2	82.5	86.1	90.3	90.5	91.0	91.1	91.1	91.6	91.6	92.0	92.0	92.0
IV 700	40.6	55.9	68.0	79.6	82.8	86.6	90.8	91.0	91.4	91.5	91.5	92.0	92.0	92.5	92.5	92.5
IV 600	41.0	56.2	68.5	80.1	83.4	87.2	91.4	91.6	92.0	92.2	92.2	92.7	92.7	93.1	93.1	93.1
IV 500	41.0	56.8	69.0	81.1	84.5	88.4	92.9	93.1	93.7	93.8	93.8	94.4	94.4	94.8	94.8	94.8
IV 400	41.2	56.9	69.4	81.5	85.2	89.2	94.3	94.5	95.1	95.2	95.2	95.8	95.8	96.2	96.2	96.2
IV 300	41.2	56.9	69.5	81.8	85.8	90.3	95.5	96.1	96.8	96.9	96.9	97.7	97.7	98.3	98.3	98.3
IV 200	41.2	56.9	69.5	81.8	85.8	90.8	96.2	96.9	97.5	97.6	97.6	98.6	98.6	99.2	99.2	99.2
IV 100	41.2	56.9	69.5	81.8	85.8	90.8	96.2	96.9	97.5	97.7	97.7	98.7	98.7	99.4	99.4	99.4
IV 0	41.2	56.9	69.5	81.8	85.8	90.8	96.2	96.9	97.5	97.7	97.7	98.7	98.7	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6600-7800
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	.6	30.2	37.6	44.4	51.3	52.9	55.1	58.0	58.1	58.6	58.8	58.8	58.8	58.9	59.1	59.2
≥ 20000	.6	32.4	47.6	47.7	55.1	56.8	59.7	61.9	62.0	62.7	62.9	62.9	63.1	63.2	63.5	63.7
≥ 18000	.6	32.8	41.2	46.5	55.8	57.5	59.8	62.9	63.7	63.7	63.9	63.9	64.1	64.2	64.5	64.6
≥ 16000	.6	32.9	41.4	48.8	56.2	58.3	60.3	63.4	63.5	64.2	64.4	64.4	64.6	64.7	65.1	65.2
≥ 14000	.6	33.7	42.0	50.0	57.7	59.7	62.3	65.5	65.6	66.2	66.5	66.5	66.7	66.8	67.1	67.2
≥ 12000	.6	34.9	44.1	51.8	60.0	62.2	64.9	68.4	68.5	69.1	69.4	69.4	69.6	69.7	70.0	70.1
≥ 10000	.6	36.1	46.2	54.5	63.3	65.8	68.8	72.4	72.5	73.1	73.3	73.3	73.5	73.8	74.1	74.2
≥ 9000	.6	36.3	46.5	54.9	63.8	66.2	69.2	72.8	72.9	73.5	73.8	73.8	74.0	74.2	74.5	74.6
≥ 8000	.6	38.7	48.8	57.5	66.3	69.0	72.0	75.7	75.8	76.5	76.7	76.7	76.9	77.1	77.4	77.5
≥ 7000	.6	39.7	49.9	58.7	67.5	70.2	73.3	77.1	77.1	77.7	78.0	78.0	78.2	78.4	78.7	78.8
≥ 6000	.6	39.9	50.4	59.4	68.2	70.9	74.0	77.6	77.7	78.4	78.6	78.6	78.8	79.0	79.4	79.5
≥ 5000	.6	40.1	50.6	59.6	68.4	71.1	74.4	78.3	78.4	79.0	79.2	79.2	79.5	79.7	80.0	80.1
≥ 4500	.6	40.4	51.0	59.9	68.7	71.4	74.7	78.6	78.7	79.4	79.6	79.6	79.8	80.0	80.3	80.4
≥ 4000	.6	41.0	51.6	60.9	69.7	72.5	75.8	79.7	79.8	80.4	80.6	80.6	80.9	81.1	81.4	81.5
≥ 3500	.6	41.3	51.9	61.2	70.1	72.9	75.2	80.1	80.2	80.9	81.1	81.1	81.3	81.5	81.8	81.9
≥ 3000	.6	42.0	52.7	62.0	71.2	74.1	77.5	81.5	81.6	82.3	82.5	82.5	82.7	82.9	83.2	83.3
≥ 2500	.6	42.8	53.4	62.8	72.2	75.1	78.5	82.5	82.6	83.2	83.4	83.4	83.7	83.9	84.2	84.3
≥ 2000	.6	42.9	53.8	63.1	72.5	75.4	78.8	82.8	82.9	83.5	83.8	83.8	84.0	84.2	84.5	84.6
≥ 1800	.6	42.9	53.8	63.1	72.5	75.4	78.8	82.8	82.9	83.5	83.8	83.8	84.0	84.2	84.5	84.6
≥ 1500	.6	43.1	54.0	63.4	72.8	75.7	79.5	83.5	83.7	84.3	84.5	84.5	84.7	85.1	85.4	85.5
≥ 1200	.6	43.9	54.8	64.4	74.0	76.9	80.9	85.1	85.2	85.8	86.0	86.0	86.2	86.6	86.9	87.0
≥ 1000	.6	44.2	55.3	64.8	74.9	77.8	82.0	86.3	86.6	87.2	87.4	87.4	87.7	88.1	88.5	88.6
≥ 900	.6	44.2	55.3	64.9	75.4	78.3	82.6	86.9	87.1	87.7	88.0	88.0	88.3	88.6	89.0	89.1
≥ 800	.6	44.4	55.7	65.5	76.2	79.1	83.4	87.7	88.0	88.6	88.6	88.9	89.2	89.6	90.0	90.1
≥ 700	.6	44.7	56.1	66.0	77.5	80.5	84.9	89.2	89.5	90.1	90.3	90.4	90.8	91.1	91.5	91.6
≥ 600	.6	44.9	56.3	66.2	78.2	81.4	85.9	90.3	90.5	91.2	91.4	91.5	91.8	92.2	92.6	92.7
≥ 500	.6	45.2	57.0	67.3	80.0	83.4	88.3	93.0	93.4	94.1	94.3	94.4	94.7	95.1	95.5	95.6
≥ 400	.6	45.2	57.0	67.5	80.4	83.9	88.9	94.1	94.5	95.3	95.7	95.8	96.1	96.5	96.9	97.0
≥ 300	.6	45.3	57.1	67.8	81.0	84.4	89.9	95.4	95.9	96.9	97.4	97.5	98.0	98.3	98.7	98.8
≥ 200	.6	45.3	57.1	67.8	81.0	84.4	89.9	95.6	96.1	97.1	97.7	97.8	98.3	98.6	99.1	99.2
≥ 100	.6	45.3	57.1	67.8	81.0	84.4	89.9	95.6	96.1	97.1	97.8	98.0	98.5	98.9	99.7	100.0
≥ 0	.6	45.3	57.1	67.8	81.0	84.4	89.9	95.6	96.1	97.1	97.8	98.0	98.5	98.9	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

65-70,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.25	≥.16	≥.1	≥.05	≥.01
NO CEILING	2.9	55.8	65.4	63.4	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 20000	3.1	59.5	64.9	62.2	60.4	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	3.1	59.9	65.4	68.6	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 16000	3.1	60.1	65.7	68.9	70.1	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 14000	3.2	62.2	67.8	71.3	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 12000	3.2	64.0	70.0	73.5	75.2	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 10000	3.2	66.0	73.1	76.9	78.6	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 9000	3.2	66.6	73.7	77.4	79.1	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 8000	3.2	67.8	74.9	78.7	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 7000	3.2	68.8	75.9	80.0	81.9	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000	3.2	68.9	76.4	81.1	82.0	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 5000	3.2	69.1	76.7	81.8	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	3.2	69.1	76.8	81.9	82.9	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	3.2	69.9	77.5	81.7	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	3.2	70.3	78.2	82.4	84.7	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3000	3.2	71.2	79.2	83.4	86.0	86.2	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	3.2	71.7	79.9	84.1	86.7	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	3.2	73.0	81.4	85.7	88.4	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	3.2	73.2	81.6	85.9	88.6	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	3.2	74.7	83.3	87.7	90.6	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1200	3.2	76.1	85.1	89.7	92.7	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	3.2	77.4	86.9	91.5	94.8	95.3	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	3.2	77.8	87.5	92.2	95.6	96.0	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	3.2	78.5	88.2	92.9	96.5	96.9	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	3.2	78.9	88.6	93.4	97.2	97.7	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	3.2	79.2	88.9	93.9	97.8	98.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	3.2	79.4	89.1	94.1	98.1	98.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	3.2	79.4	89.1	94.1	98.2	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	3.2	79.4	89.1	94.1	98.2	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	3.2	79.4	89.1	94.1	98.2	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	3.2	79.4	89.1	94.1	98.2	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	3.2	79.4	89.1	94.1	98.2	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-77, 73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1230-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	4.1	58.7	61.6	63.5	64.0	64.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥20000	4.7	64.5	67.6	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥18000	4.8	64.9	68.2	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥16000	4.9	65.4	68.6	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥14000	4.9	67.4	70.8	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥12000	4.9	70.1	74.0	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥10000	5.3	74.5	78.5	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥9000	5.3	74.9	78.9	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥8000	5.3	77.2	81.3	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥7000	5.3	77.6	81.8	84.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥6000	5.3	78.2	82.4	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥5000	5.3	78.6	82.9	85.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥4500	5.3	78.8	83.1	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥4000	5.4	79.8	84.4	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥3500	5.4	80.2	84.8	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥3000	5.4	82.9	87.6	91.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥2500	5.4	84.2	89.0	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥2000	5.4	85.5	90.5	94.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥1800	5.4	85.6	90.6	94.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥1500	5.4	86.8	92.7	95.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥1200	5.4	87.1	92.9	96.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥1000	5.4	87.5	93.1	97.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥900	5.4	87.5	93.3	97.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥800	5.4	87.6	93.4	97.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥700	5.4	87.6	93.4	97.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥600	5.4	87.7	93.5	97.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥500	5.4	87.7	93.5	97.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥400	5.4	87.7	93.5	97.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥300	5.4	87.7	93.5	97.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥200	5.4	87.7	93.5	97.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥100	5.4	87.7	93.5	97.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥0	5.4	87.7	93.5	97.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥⅑	≥0
NO CEILING	4.3	56.7	61.5	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	4.4	63.5	67.5	69.9	71.4	73.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 18000	4.4	63.8	67.8	70.3	70.8	73.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 16000	4.4	64.2	68.1	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	4.5	65.3	70.2	72.9	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 12000	4.5	67.8	72.8	75.6	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 10000	4.5	72.1	77.8	80.8	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000	4.6	73.7	79.4	82.6	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 8000	4.6	75.7	81.5	84.9	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 7000	4.6	76.2	82.2	85.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	4.6	76.5	82.6	86.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000	4.6	77.4	83.5	87.1	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	4.6	77.6	83.7	87.3	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000	4.6	79.1	85.4	89.2	90.3	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500	4.6	81.1	86.7	90.5	91.8	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000	4.6	82.5	89.3	93.3	95.0	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	4.6	83.1	90.3	94.3	96.1	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	4.6	84.0	91.3	95.3	97.2	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	4.6	84.0	91.3	95.3	97.2	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	4.6	84.2	91.6	95.6	97.6	97.8	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	4.6	84.3	91.7	95.7	97.7	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	4.6	84.4	92.0	96.0	98.1	98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	4.6	84.4	92.0	96.0	98.1	98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	4.6	84.4	92.0	96.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	4.6	84.4	92.0	96.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	4.6	84.4	92.0	96.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	4.6	84.4	92.0	96.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	4.6	84.4	92.0	96.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	4.6	84.4	92.0	96.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	4.6	84.4	92.0	96.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	4.6	84.4	92.0	96.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	4.6	84.4	92.0	96.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12.13
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1830-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.10	≥0.05	≥0.025	≥0.01
NO CEILING	2.0	51.3	56.2	58.9	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥20000	2.6	58.1	64.5	67.6	69.5	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 18000	2.8	58.6	65.2	68.3	70.1	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 16000	2.8	58.7	65.3	68.4	70.2	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 14000	2.8	59.8	66.9	70.1	71.9	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 12000	2.8	61.7	69.6	72.9	74.7	74.8	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 10000	2.8	65.5	74.1	77.5	79.8	79.9	80.5	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 9000	2.8	66.6	75.4	78.8	81.1	81.2	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 8000	2.8	68.4	77.6	81.5	83.9	84.0	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 7000	2.8	69.4	78.7	82.7	85.1	85.2	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 6000	2.8	69.8	79.2	83.2	85.7	85.8	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 5000	2.8	70.0	79.5	83.8	86.2	86.3	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 4500	2.8	70.5	80.0	84.3	86.8	86.9	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 4000	2.8	72.0	81.8	86.9	89.6	89.7	90.5	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 3500	2.8	72.9	82.9	88.0	90.6	90.8	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3000	2.8	73.7	84.2	89.8	93.2	93.4	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 2500	2.8	74.1	84.7	90.9	94.4	94.6	95.9	96.1	96.2	96.3	96.5	96.5	96.5	96.5	96.6	96.6
IV 2000	2.8	74.6	85.3	91.5	95.1	95.3	96.6	97.0	97.1	97.2	97.4	97.4	97.4	97.4	97.5	97.5
IV 1800	2.8	74.8	85.5	91.7	95.3	95.5	96.9	97.3	97.4	97.5	97.7	97.7	97.7	97.7	97.8	97.8
IV 1500	2.8	74.9	85.7	91.9	95.5	95.7	97.1	97.6	97.7	97.8	98.1	98.1	98.2	98.2	98.3	98.3
IV 1200	2.8	74.9	85.7	91.9	95.5	95.7	97.1	97.6	97.7	97.8	98.1	98.1	98.2	98.2	98.3	98.3
IV 1000	2.8	75.2	86.3	92.7	96.2	96.7	98.1	98.7	98.8	98.9	99.1	99.1	99.2	99.2	99.4	99.4
IV 900	2.8	75.3	86.5	92.8	96.3	96.8	98.2	98.8	98.9	99.0	99.2	99.2	99.4	99.4	99.5	99.5
IV 800	2.8	75.3	86.6	92.9	96.5	96.9	98.3	98.9	99.0	99.1	99.4	99.4	99.5	99.5	99.6	99.6
IV 700	2.8	75.3	86.6	92.9	96.5	96.9	98.3	98.9	99.0	99.1	99.4	99.4	99.5	99.5	99.6	99.6
IV 600	2.8	75.3	86.6	92.9	96.5	96.9	98.3	98.9	99.0	99.1	99.4	99.4	99.5	99.5	99.6	99.6
IV 500	2.8	75.3	86.6	92.9	96.5	96.9	98.3	98.9	99.0	99.1	99.4	99.4	99.5	99.5	99.6	99.6
IV 400	2.8	75.3	86.6	93.0	96.6	97.0	98.5	99.1	99.4	99.5	99.7	99.7	99.9	99.9	100.0	100.0
IV 300	2.8	75.3	86.6	93.0	96.6	97.0	98.5	99.1	99.4	99.5	99.7	99.7	99.9	99.9	100.0	100.0
IV 200	2.8	75.3	86.6	93.0	96.6	97.0	98.5	99.1	99.4	99.5	99.7	99.7	99.9	99.9	100.0	100.0
IV 100	2.8	75.3	86.6	93.0	96.6	97.0	98.5	99.1	99.4	99.5	99.7	99.7	99.9	99.9	100.0	100.0
IV 0	2.8	75.3	86.6	93.0	96.6	97.0	98.5	99.1	99.4	99.5	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21.0-23.0
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01	≥ 0.005
NO CEILING	1.3	47.3	55.2	61.0	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	1.3	52.6	61.8	68.7	72.5	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	1.8	52.9	62.2	69.2	73.0	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 16000	1.8	52.9	62.3	69.2	73.0	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 14000	1.8	54.1	63.5	70.9	74.6	74.7	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	1.8	55.1	64.9	72.7	76.6	76.7	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	1.3	56.9	67.2	75.3	79.1	79.2	79.9	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 9000	1.3	57.2	67.0	75.9	79.8	79.9	80.5	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 8000	1.8	58.7	70.7	78.9	83.1	83.2	83.9	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 7000	1.3	59.2	71.3	80.2	84.6	84.7	85.4	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 6000	1.8	59.6	71.9	81.1	85.6	85.7	86.3	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 5000	1.3	60.3	73.0	82.3	86.8	86.9	87.5	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	1.8	60.8	73.4	82.7	87.2	87.3	88.1	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	1.8	62.7	76.2	86.1	90.8	91.0	91.7	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3500	1.8	63.2	76.9	86.8	91.6	91.8	92.6	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	1.8	64.2	77.8	88.3	94.0	94.2	94.9	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	1.8	64.4	78.5	89.0	94.7	94.9	95.7	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000	1.8	64.9	79.0	89.7	95.5	95.7	96.6	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	1.8	64.9	79.1	89.8	95.6	95.8	96.7	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	1.8	65.2	79.2	90.0	95.9	96.1	97.0	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	1.8	65.7	79.8	90.5	96.5	96.7	97.5	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	1.8	65.7	80.2	91.0	96.9	97.1	98.0	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	1.8	65.7	80.2	91.0	96.9	97.1	98.0	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	1.8	65.7	80.3	91.1	97.3	97.5	98.5	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	1.8	65.7	80.4	91.3	97.5	97.7	98.7	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	1.8	65.7	80.4	91.3	97.5	97.7	98.7	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	1.8	65.8	80.5	91.4	97.6	97.8	98.8	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	1.8	65.8	80.5	91.4	97.6	97.8	98.8	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	1.8	65.8	80.5	91.4	97.6	97.8	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	1.8	65.8	80.5	91.4	97.6	97.8	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	1.8	65.8	80.5	91.4	97.6	97.8	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	1.8	65.8	80.5	91.4	97.6	97.8	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

66-70, 73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	2.2	46.6	53.1	58.1	61.4	61.9	62.7	63.4	63.4	63.6	63.6	63.7	63.7	63.8	63.8	63.8
≥ 20000	2.3	50.4	58.5	64.0	67.7	68.3	69.2	70.0	70.0	70.1	70.2	70.3	70.3	70.4	70.4	70.4
IV 18000	2.4	51.2	58.8	64.4	68.2	68.8	69.6	70.4	70.5	70.6	70.7	70.7	70.8	70.8	70.9	70.9
IV 16000	2.4	51.3	59.0	64.7	68.4	69.0	69.9	70.7	70.8	70.9	71.0	71.0	71.0	71.1	71.1	71.1
IV 14000	2.4	52.5	60.5	66.4	70.3	70.9	71.8	72.7	72.8	72.9	73.0	73.0	73.1	73.1	73.2	73.2
IV 12000	2.4	54.2	62.6	68.6	72.6	73.3	74.3	75.2	75.2	75.4	75.4	75.4	75.5	75.5	75.6	75.6
IV 10000	2.5	56.4	65.9	72.3	76.6	77.3	78.3	79.3	79.4	79.6	79.6	79.7	79.7	79.8	79.8	79.8
IV 9000	2.5	57.5	66.7	73.1	77.4	78.1	79.2	80.2	80.2	80.4	80.5	80.5	80.6	80.7	80.7	80.7
IV 8000	2.5	59.5	68.9	75.7	80.1	80.9	82.0	83.0	83.0	83.2	83.3	83.3	83.3	83.4	83.5	83.5
IV 7000	2.5	60.0	69.6	76.5	81.0	81.8	82.9	83.9	83.9	84.1	84.2	84.2	84.2	84.3	84.4	84.4
IV 6000	2.5	60.3	70.0	77.0	81.5	82.3	83.4	84.4	84.5	84.7	84.7	84.7	84.8	84.8	84.9	84.9
IV 5000	2.5	60.8	70.7	77.8	82.4	83.3	84.5	85.5	85.6	85.7	85.8	85.8	85.9	85.9	86.0	86.0
IV 4500	2.5	61.1	71.0	78.1	82.7	83.6	84.8	85.9	85.9	86.1	86.1	86.1	86.2	86.2	86.3	86.3
IV 4000	2.5	62.1	72.3	79.3	84.5	85.5	86.7	87.7	87.8	88.0	88.0	88.0	88.1	88.1	88.2	88.2
IV 3500	2.5	62.7	73.0	80.5	85.3	86.3	87.5	88.5	88.6	88.8	88.8	88.8	88.9	88.9	89.0	89.0
IV 3000	2.5	63.9	74.6	82.3	87.5	88.5	89.7	90.9	90.9	91.1	91.1	91.1	91.2	91.2	91.3	91.3
IV 2500	2.5	64.5	75.3	83.1	88.4	89.4	90.7	91.8	91.8	92.0	92.1	92.1	92.2	92.2	92.3	92.3
IV 2000	2.5	65.1	76.0	83.8	89.2	90.2	91.5	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.2	93.2
IV 1800	2.5	65.2	76.0	83.9	89.3	90.3	91.7	92.8	92.9	93.1	93.1	93.1	93.2	93.2	93.3	93.4
IV 1500	2.5	65.7	76.6	84.6	90.0	91.0	92.4	93.6	93.7	93.9	94.0	94.0	94.1	94.1	94.2	94.2
IV 1200	2.5	66.2	77.2	85.3	90.7	91.8	93.2	94.4	94.5	94.7	94.8	94.8	94.9	95.0	95.1	95.1
IV 1000	2.5	66.5	77.8	85.9	91.5	92.6	94.1	95.3	95.4	95.7	95.7	95.7	95.9	95.9	96.0	96.1
IV 900	2.5	66.5	77.9	86.0	91.7	92.8	94.4	95.7	95.8	96.0	96.1	96.1	96.2	96.2	96.4	96.4
IV 800	2.5	66.7	78.2	86.3	92.1	93.3	94.9	96.2	96.3	96.5	96.6	96.6	96.7	96.8	96.9	96.9
IV 700	2.5	66.8	78.3	86.5	92.5	93.6	95.2	96.6	96.7	96.9	97.0	97.0	97.2	97.2	97.4	97.4
IV 600	2.5	66.9	78.4	86.7	92.8	94.0	95.6	96.9	97.1	97.3	97.4	97.4	97.5	97.6	97.7	97.7
IV 500	2.5	67.0	78.7	87.0	93.2	94.5	96.2	97.7	97.9	98.1	98.2	98.2	98.4	98.4	98.6	98.6
IV 400	2.5	67.0	78.7	87.1	93.4	94.7	96.5	98.1	98.3	98.5	98.6	98.6	98.9	98.9	99.0	99.0
IV 300	2.5	67.0	78.7	87.2	93.5	94.9	96.8	98.6	98.7	99.0	99.1	99.1	99.4	99.4	99.6	99.6
IV 200	2.5	67.0	78.7	87.2	93.5	94.9	96.8	98.6	98.7	99.1	99.3	99.3	99.5	99.6	99.7	99.7
IV 100	2.5	67.0	78.7	87.2	93.5	94.9	96.8	98.6	98.7	99.1	99.3	99.3	99.5	99.6	99.8	99.8
IV 0	2.5	67.0	78.7	87.2	93.5	94.9	96.8	98.6	98.8	99.1	99.3	99.3	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10713 SEYMOUR-JOHNSON AFB NC

68-70, 73-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3000-7200
HOURS LT

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.5	≥	≥.5	≥.5	≥0
NO CEILING	.6	42.4	52.4	62.2	68.4	69.7	71.1	72.4	72.4	72.4	72.5	72.5	72.7	72.7	72.8	72.9
≥ 20000	.6	44.7	55.7	65.9	72.7	74.1	75.5	76.9	76.9	76.9	77.0	77.0	77.2	77.2	77.3	77.3
IV 18000	.6	44.9	55.9	66.2	73.1	74.4	75.8	77.2	77.2	77.2	77.3	77.3	77.5	77.5	77.6	77.6
IV 16000	.6	45.4	56.5	66.8	73.5	74.9	76.3	77.7	77.7	77.7	77.8	77.8	78.1	78.1	78.2	78.2
IV 14000	.6	45.8	57.1	67.5	74.3	75.7	77.1	78.5	78.5	78.5	78.6	78.6	78.8	78.8	78.9	78.9
IV 12000	.6	47.2	58.5	69.4	76.2	77.6	79.0	80.4	80.4	80.4	80.5	80.5	80.8	80.8	80.9	80.9
IV 10000	.6	49.9	61.7	72.3	79.7	81.1	82.5	83.9	83.9	83.9	84.1	84.1	84.2	84.2	84.3	84.3
IV 9000	.6	50.6	62.5	73.5	80.4	81.8	83.2	84.6	84.6	84.6	84.7	84.7	84.9	84.9	85.1	85.1
IV 8000	.6	53.0	65.5	77.0	84.1	85.5	86.9	88.3	88.3	88.3	88.4	88.4	88.6	88.6	88.7	88.7
IV 7000	.6	53.1	65.7	77.5	84.8	86.2	87.6	89.0	89.0	89.0	89.1	89.1	89.4	89.4	89.5	89.5
IV 6000	.6	53.5	66.1	78.0	85.3	86.7	88.1	89.5	89.6	89.6	89.6	89.7	89.9	89.9	90.0	90.0
IV 5000	.6	54.0	66.8	79.4	86.7	88.1	89.5	91.0	91.1	91.1	91.2	91.2	91.4	91.4	91.5	91.5
IV 4500	.6	54.5	67.3	80.1	87.4	88.8	90.2	91.7	91.8	91.8	91.8	91.9	92.2	92.2	92.3	92.3
IV 4000	.6	55.4	68.4	81.4	88.7	90.1	91.5	93.0	93.1	93.1	93.2	93.2	93.4	93.4	93.5	93.5
IV 3500	.6	55.4	68.5	81.5	89.1	90.5	91.9	93.4	93.5	93.5	93.7	93.7	93.9	93.9	94.1	94.1
IV 3000	.6	55.5	68.6	81.6	89.5	90.9	92.3	93.8	94.0	94.0	94.1	94.1	94.3	94.4	94.5	94.5
IV 2500	.6	55.5	68.7	81.8	89.7	91.1	92.5	94.0	94.2	94.2	94.3	94.3	94.5	94.6	94.7	94.7
IV 2000	1.0	56.2	69.5	82.7	90.5	92.3	93.8	95.3	95.5	95.5	95.6	95.6	95.8	95.9	96.0	96.0
IV 1800	1.0	56.2	69.5	82.7	90.5	92.3	93.8	95.3	95.5	95.5	95.6	95.6	95.8	95.9	96.0	96.0
IV 1500	1.0	56.5	69.9	83.2	91.1	92.9	94.4	95.9	96.1	96.1	96.2	96.2	96.5	96.6	96.7	96.7
IV 1200	1.0	56.7	70.1	83.4	91.3	93.2	94.7	96.2	96.5	96.5	96.6	96.6	96.8	96.9	97.0	97.0
IV 1000	1.0	56.7	70.1	83.5	91.4	93.3	94.9	96.5	96.7	96.7	96.8	96.8	97.0	97.1	97.2	97.3
IV 900	1.0	56.7	70.1	83.5	91.4	93.3	94.9	96.5	96.7	96.7	96.8	96.8	97.0	97.1	97.2	97.3
IV 800	1.0	56.7	70.2	83.7	91.6	93.7	95.3	96.8	97.0	97.0	97.1	97.1	97.3	97.4	97.5	97.6
IV 700	1.0	56.7	70.3	83.9	91.8	93.9	95.5	97.1	97.3	97.3	97.4	97.4	97.6	97.7	97.8	98.0
IV 600	1.0	56.7	70.3	83.9	91.8	93.9	95.5	97.1	97.3	97.3	97.4	97.4	97.6	97.7	97.8	98.0
IV 500	1.0	56.7	70.4	84.0	92.3	94.4	96.1	97.8	98.1	98.1	98.2	98.2	98.4	98.5	98.7	98.8
IV 400	1.0	56.7	70.6	84.2	92.6	94.8	96.6	98.3	98.5	98.5	98.6	98.6	98.8	98.9	99.1	99.2
IV 300	1.0	56.7	70.6	84.3	92.7	95.1	96.9	98.6	98.8	98.8	98.9	98.9	99.1	99.2	99.5	99.6
IV 200	1.0	56.7	70.6	84.3	92.8	95.2	97.0	98.8	99.0	99.0	99.1	99.1	99.4	99.5	99.7	99.8
IV 100	1.0	56.7	70.6	84.3	92.8	95.2	97.0	98.9	99.1	99.2	99.4	99.4	99.6	99.7	99.9	100.0
IV 0	1.0	56.7	70.6	84.3	92.8	95.2	97.0	98.9	99.1	99.2	99.4	99.4	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

66-70, 73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2300-7500
HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	.6	29.5	38.7	48.4	56.8	61.4	64.5	68.2	68.5	68.9	69.4	69.4	69.8	70.0	77.3	70.3
≥ 20000	.6	31.7	40.3	51.0	60.2	65.1	68.3	72.3	72.6	73.1	73.7	73.7	74.4	74.6	74.9	74.9
≥ 18000	.6	31.0	40.3	51.1	60.3	65.2	68.4	72.4	72.7	73.2	73.5	73.8	74.5	74.7	75.1	75.1
≥ 16000	.6	31.7	41.6	51.1	61.4	65.3	68.5	72.5	72.8	73.3	73.9	73.9	74.6	74.8	75.2	75.2
≥ 14000	.6	31.2	40.6	51.4	61.0	65.8	69.3	73.0	73.3	73.9	74.4	74.4	75.2	75.4	75.7	75.7
≥ 12000	.6	31.8	41.6	52.7	62.4	67.2	70.8	74.7	75.1	75.6	76.1	76.1	76.9	77.1	77.4	77.4
≥ 10000	.6	32.9	43.1	54.6	64.3	69.4	72.9	76.9	77.2	77.7	78.3	78.3	79.0	79.2	79.6	79.6
≥ 9000	.6	33.7	43.9	55.4	65.1	70.1	73.7	77.6	78.0	78.5	79.0	79.0	79.8	80.0	80.3	80.3
≥ 8000	.6	34.8	45.2	56.8	66.6	71.6	75.2	79.5	79.9	80.4	81.0	81.0	81.7	81.9	82.3	82.3
≥ 7000	.6	35.3	45.8	57.4	67.2	72.5	76.0	80.5	81.1	81.6	82.2	82.2	82.8	83.1	83.4	83.4
≥ 6000	.6	35.3	45.9	57.7	67.7	73.0	76.7	81.3	81.8	82.4	82.9	82.9	83.7	83.9	84.2	84.2
≥ 5000	.6	35.7	46.3	58.3	68.4	73.7	77.4	82.0	82.6	83.1	83.7	83.7	84.4	84.6	84.9	84.9
≥ 4500	.6	35.8	46.9	58.4	68.5	73.8	77.5	82.2	82.7	83.2	83.8	83.8	84.5	84.7	85.1	85.1
≥ 4000	.6	36.0	47.5	59.6	69.8	75.1	78.8	83.4	84.0	84.5	85.1	85.1	85.8	86.0	86.3	86.3
≥ 3500	.6	36.1	47.7	60.0	70.2	75.5	79.2	83.9	84.4	84.9	85.5	85.5	86.2	86.3	86.8	86.8
≥ 3000	.6	36.5	48.3	60.5	70.9	76.1	79.9	84.5	85.1	85.6	86.1	86.1	86.9	87.1	87.4	87.4
≥ 2500	.9	36.7	48.8	60.8	71.1	76.3	80.1	84.7	85.3	85.8	86.3	86.3	87.1	87.3	87.6	87.6
≥ 2000	1.0	36.8	48.9	61.4	71.7	77.2	81.0	85.7	86.2	86.8	87.3	87.3	88.1	88.3	88.6	88.6
≥ 1800	1.0	36.8	48.9	61.4	71.7	77.2	81.0	85.7	86.2	86.8	87.3	87.3	88.1	88.3	88.6	88.6
≥ 1500	1.0	37.0	49.2	61.8	72.4	78.0	81.8	86.7	87.2	87.7	88.3	88.3	89.0	89.2	89.6	89.6
≥ 1200	1.0	37.1	49.4	62.3	72.8	78.4	82.3	87.2	87.7	88.3	88.8	88.8	89.6	89.8	90.1	90.1
≥ 1000	1.0	37.1	49.4	62.4	73.1	78.7	82.6	87.6	88.2	88.7	89.2	89.2	90.0	90.2	90.5	90.5
≥ 900	1.0	37.2	49.5	62.5	73.2	78.8	82.7	87.7	88.3	88.8	89.4	89.4	90.1	90.3	90.6	90.6
≥ 800	1.0	37.2	49.6	62.6	73.4	79.1	83.2	88.3	88.8	89.4	89.9	89.9	90.6	90.9	91.2	91.2
≥ 700	1.0	37.2	49.6	62.6	73.5	79.2	83.4	88.5	89.0	89.6	90.1	90.1	90.9	91.1	91.4	91.4
≥ 600	1.0	37.2	49.7	62.8	73.8	79.5	83.7	88.7	89.5	90.0	90.5	90.5	91.3	91.5	91.8	91.8
≥ 500	1.0	37.5	50.8	64.4	75.5	81.2	85.7	90.8	91.4	92.0	92.6	92.6	93.3	93.5	93.9	93.9
≥ 400	1.0	37.5	51.0	64.7	76.1	81.9	86.7	91.7	92.3	92.9	93.5	93.5	94.5	94.7	95.2	95.3
≥ 300	1.0	37.5	51.1	64.9	76.6	82.4	87.2	93.0	93.6	94.5	95.3	95.3	96.0	96.3	96.8	97.1
≥ 200	1.0	37.5	51.1	64.9	76.7	82.5	87.5	93.5	94.5	95.3	96.0	96.0	96.9	97.3	97.8	98.2
≥ 100	1.0	37.5	51.1	64.9	76.7	82.5	87.6	93.7	94.6	95.4	96.3	96.3	97.4	97.8	98.8	99.6
≥ 0	1.0	37.5	51.1	64.9	76.7	82.5	87.6	93.7	94.6	95.4	96.3	96.3	97.4	97.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

ALG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-1800
HOURS 1ST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	.6	24.9	31.7	38.4	44.3	47.8	51.4	55.2	56.0	57.6	58.3	59.3	59.2	59.4	59.8	59.9
≥20000	.6	26.5	34.2	41.5	46.1	51.8	55.7	59.7	60.9	62.5	63.3	63.3	64.6	64.7	65.4	65.5
IV 18000	.6	26.9	34.8	42.2	48.8	52.6	56.6	60.5	61.7	63.3	64.2	64.2	65.5	65.6	66.2	66.2
IV 16000	.6	26.9	34.8	42.2	48.8	52.6	56.6	60.5	61.7	63.4	64.3	64.3	65.6	65.7	66.3	66.5
IV 14000	.6	27.0	34.9	42.3	49.1	52.9	56.9	60.9	62.3	63.8	64.6	64.6	65.9	66.0	66.7	66.8
IV 12000	.6	28.1	36.5	44.1	51.4	55.5	59.7	63.7	64.8	66.6	67.4	67.4	68.7	68.8	69.5	69.6
IV 10000	.6	29.6	38.2	45.9	53.3	57.6	62.6	66.8	68.7	69.9	70.8	70.8	72.0	72.2	72.8	72.9
IV 9000	.6	30.1	38.7	46.5	53.9	58.2	63.1	67.3	68.5	70.5	71.4	71.4	72.7	72.8	73.4	73.5
IV 8000	.6	31.4	40.1	48.1	55.6	59.9	65.2	69.6	70.9	73.0	73.9	73.9	75.2	75.3	75.9	76.0
IV 7000	.6	32.2	41.7	49.0	56.6	60.9	66.2	70.6	71.9	74.1	74.9	74.9	76.2	76.3	77.0	77.1
IV 6000	.6	32.6	41.5	49.6	57.1	61.4	66.8	71.4	72.7	74.9	75.8	75.8	77.1	77.2	77.8	78.0
IV 5000	.6	33.3	41.9	50.0	57.6	62.0	67.4	72.0	73.3	75.6	76.5	76.5	77.7	77.8	78.5	78.6
IV 4500	.6	33.4	42.4	50.4	58.1	62.6	68.0	72.7	74.0	76.2	77.1	77.1	78.4	78.5	79.1	79.2
IV 4000	.6	33.8	42.9	51.0	58.6	63.1	68.5	73.2	74.5	76.8	77.6	77.6	78.9	79.0	79.7	79.8
IV 3500	.6	34.1	43.2	51.3	59.0	63.5	68.9	73.7	74.9	77.2	78.1	78.1	79.4	79.5	80.1	80.2
IV 3000	.6	34.4	43.7	51.8	59.7	64.3	69.7	74.4	75.7	78.0	78.6	78.6	80.1	80.2	80.9	81.0
IV 2500	.6	34.6	44.0	52.4	60.3	65.3	70.8	75.5	76.8	79.0	79.9	79.9	81.2	81.4	82.0	82.2
IV 2000	.6	34.8	44.2	52.7	60.8	65.7	71.2	75.9	77.2	79.5	80.3	80.3	81.6	81.8	82.5	82.6
IV 1800	.6	34.9	44.3	52.8	60.9	65.8	71.3	76.0	77.3	79.6	80.4	80.4	81.7	81.9	82.6	82.7
IV 1500	.6	35.4	44.8	53.3	61.4	66.3	71.8	76.7	78.0	80.2	81.1	81.1	82.4	82.6	83.2	83.3
IV 1200	.6	35.8	45.3	54.0	62.0	67.1	72.6	77.4	78.7	81.0	81.8	81.8	83.1	83.3	84.0	84.1
IV 1000	.6	36.0	45.5	54.6	62.6	67.7	73.3	78.2	79.7	81.9	82.8	82.8	84.1	84.3	85.1	85.2
IV 900	.6	36.3	45.9	55.1	63.4	68.7	74.4	79.4	80.9	83.1	84.0	84.0	85.3	85.5	86.2	86.3
IV 800	.6	36.5	46.1	55.6	64.1	69.8	75.6	80.5	82.2	84.4	85.3	85.3	86.7	86.9	87.6	87.7
IV 700	.6	36.8	46.5	56.2	64.7	70.4	76.2	81.3	82.9	85.2	86.0	86.0	87.4	87.6	88.4	88.5
IV 500	.6	37.1	46.8	56.8	65.8	71.8	77.7	82.9	84.6	87.1	88.0	88.0	89.4	89.6	90.3	90.6
IV 400	.6	37.2	46.9	57.1	66.8	73.1	79.1	84.6	86.5	89.4	90.4	90.4	91.9	92.2	93.0	93.3
IV 300	.6	37.3	47.1	57.3	67.4	74.0	80.1	86.0	87.8	90.9	92.0	92.0	93.5	93.8	94.7	95.1
IV 200	.6	37.3	47.1	57.3	67.4	74.1	80.3	86.5	88.4	91.4	92.6	92.7	94.3	95.1	96.3	97.1
IV 100	.6	37.3	47.1	57.3	67.4	74.1	80.3	86.5	88.4	91.7	93.1	93.3	95.2	96.2	97.8	98.9
IV 0	.6	37.3	47.1	57.3	67.4	74.1	80.3	86.5	88.4	91.7	93.1	93.3	95.2	96.5	98.2	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFI WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

63-70, 73-79
YEARS

AL-
FORM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0730-1100
HOURS

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	2.2	52.9	60.1	63.2	64.6	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 20000	2.2	58.3	66.1	69.5	71.0	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 18000	2.2	58.6	66.5	69.9	71.4	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 16000	2.2	58.9	66.8	70.2	71.7	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000	2.2	59.9	67.8	71.3	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000	2.2	61.7	69.7	73.2	74.7	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 10000	2.2	62.7	71.1	74.7	76.6	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	2.2	63.2	71.6	75.3	77.1	77.3	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 8000	2.2	64.0	72.7	76.5	78.3	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 7000	2.3	64.5	73.5	77.4	79.4	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000	2.3	64.6	73.7	77.5	79.5	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 5000	2.3	65.1	74.3	78.3	80.3	80.6	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	2.3	65.2	74.4	78.4	80.5	81.1	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4000	2.3	67.0	76.3	80.3	82.6	83.0	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3500	2.3	67.6	77.0	81.0	83.2	83.7	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	2.3	69.4	78.0	82.0	84.4	84.8	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2500	2.4	69.9	79.6	83.7	86.0	86.5	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	2.4	71.4	81.1	85.2	87.5	88.0	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	2.4	71.9	81.6	85.7	88.1	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	2.4	73.5	83.7	88.3	91.1	91.7	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1200	2.4	74.4	84.7	89.6	92.5	93.2	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1000	2.6	75.3	85.8	90.8	93.8	94.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	2.6	75.6	86.3	91.6	94.6	95.1	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	2.6	76.1	87.0	92.3	95.3	96.1	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	2.6	76.3	87.2	92.7	95.8	97.0	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	2.6	76.5	87.3	92.8	96.1	97.3	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	2.6	76.8	87.7	93.2	96.6	97.7	98.5	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	2.6	76.9	87.8	93.4	96.9	98.1	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	2.6	76.9	87.8	93.4	96.9	98.1	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	2.6	76.9	87.8	93.4	96.9	98.1	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	2.6	76.9	87.8	93.4	96.9	98.1	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	2.6	76.9	87.8	93.4	96.9	98.1	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION 7753 SEYMOUR-JOHNSON AFB NC

63-70, 73-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .5	≥ .3	≥ .1	≥ .05	≥ .01	≥ .005	≥ .001
NO CEILING	3.8	58.1	62.4	64.3	64.4	64.7	64.7	64.7	64.7	64.5	64.8	64.9	64.8	64.8	64.8	64.8
≥ 20000	3.9	64.9	69.7	71.6	71.8	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000	3.9	65.5	71.3	72.3	72.5	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	3.9	65.9	71.8	72.7	72.9	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	3.9	66.6	71.6	73.5	73.8	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	3.9	68.6	74.1	76.5	76.2	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 10000	4.0	71.3	76.9	78.9	79.1	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	4.0	72.2	79.0	80.0	80.2	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 8000	4.0	74.1	80.7	82.4	82.6	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 7000	4.1	74.4	80.5	82.8	83.1	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 6000	4.1	74.8	81.3	83.5	83.9	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 5000	4.1	75.3	81.8	84.2	84.5	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500	4.2	75.5	82.7	84.4	84.7	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	4.2	77.2	84.0	86.5	87.0	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	4.0	77.7	84.7	87.2	87.7	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	4.2	80.8	87.7	90.2	91.1	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	4.3	82.7	90.0	92.6	93.4	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	4.3	84.0	91.7	94.7	95.7	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	4.3	84.0	91.7	94.7	95.7	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	4.3	85.2	92.9	95.9	96.9	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	4.3	85.6	93.3	96.5	97.4	97.7	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	4.5	85.8	93.7	96.9	97.8	98.2	98.5	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	4.5	86.0	93.9	97.1	98.1	98.4	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	4.5	86.0	93.9	97.3	98.3	98.6	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	4.5	86.0	93.9	97.3	98.3	98.6	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	4.5	86.3	94.2	97.6	98.6	98.9	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	4.5	86.6	94.4	97.8	98.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	4.5	86.6	94.4	97.8	98.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	4.5	86.6	94.4	97.8	98.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	4.5	86.6	94.4	97.8	98.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	4.5	86.6	94.4	97.8	98.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	4.5	86.6	94.4	97.8	98.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	4.5	53.0	56.2	58.1	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	5.1	61.9	65.6	67.5	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 18000	5.1	62.4	66.2	68.2	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 16000	5.1	62.4	66.7	68.6	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 14000	5.1	63.7	67.5	69.6	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 12000	5.5	66.4	70.6	72.7	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 10000	5.6	70.5	75.4	77.4	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 9000	5.6	71.2	76.3	78.4	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 8000	5.6	73.0	78.3	80.3	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 7000	5.6	74.0	79.4	81.4	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 6000	5.6	74.3	80.1	82.0	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 5000	5.6	76.0	81.9	84.1	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 4500	5.6	76.7	82.6	84.7	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 4000	5.6	78.6	84.9	87.2	87.8	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 3500	5.6	79.6	86.0	88.4	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 3000	5.9	83.4	90.4	93.0	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 2500	5.9	84.1	91.2	94.2	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2000	5.9	85.1	92.4	95.4	96.6	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1800	5.9	85.1	92.5	95.5	96.7	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1500	5.9	85.6	93.0	96.1	97.4	97.7	97.8	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200	5.9	85.8	93.2	96.5	97.7	98.1	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000	5.9	85.9	93.3	96.6	97.8	98.4	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	5.9	85.9	93.3	96.6	97.8	98.4	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	5.9	85.9	93.3	96.6	97.8	98.4	98.6	98.9	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	5.9	86.1	93.5	96.8	98.4	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	5.9	86.2	93.7	96.9	98.5	99.0	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	5.9	86.2	93.7	96.9	98.6	99.1	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	5.9	86.2	93.7	96.9	98.6	99.1	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	5.9	86.2	93.7	96.9	98.6	99.1	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	5.9	86.2	93.7	96.9	98.6	99.1	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	5.9	86.2	93.7	96.9	98.6	99.1	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	5.9	86.2	93.7	96.9	98.6	99.1	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 1713 SEYMOUR-JOHNSON AFB NC

68-70, 73-79

ALC

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1310-2000
HOURS (EST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	3.3	53.5	58.2	61.6	62.0	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥20000	3.6	61.9	67.2	69.9	71.3	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 18000	3.7	62.1	67.5	70.2	71.6	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 16000	3.7	62.1	67.6	70.3	71.7	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 14000	3.7	62.7	68.3	71.0	72.4	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 12000	3.8	64.9	70.8	73.5	74.9	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 10000	3.8	69.8	76.2	78.9	80.5	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 9000	3.9	71.0	77.4	80.2	81.6	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 8000	3.8	72.8	79.8	81.9	84.8	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 7000	4.0	73.8	81.3	84.3	86.3	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 6000	4.1	74.1	81.6	84.7	86.7	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 5000	4.1	75.0	82.8	86.0	88.0	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 4500	4.1	75.5	83.3	86.5	88.6	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 4000	4.0	77.0	85.6	88.9	91.1	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 3500	4.0	77.6	86.2	89.8	91.9	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 3000	4.1	78.9	87.5	91.3	93.8	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 2500	4.0	79.8	88.8	92.8	95.6	96.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 2000	4.1	80.5	89.7	93.0	96.6	97.5	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1800	4.1	80.6	89.8	93.8	96.7	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1500	4.1	80.7	89.9	93.9	96.8	97.7	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	4.1	80.8	90.1	94.1	97.0	98.0	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000	4.1	80.8	90.1	94.2	97.1	98.1	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	4.1	80.9	90.2	94.4	97.3	98.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	4.1	80.9	90.2	94.4	97.3	98.3	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	4.1	80.9	90.2	94.4	97.4	98.4	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	4.2	81.0	90.3	94.5	97.5	98.5	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	4.2	81.0	90.3	94.5	97.5	98.5	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	4.2	81.0	90.3	94.5	97.5	98.5	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	4.2	81.0	90.3	94.5	97.5	98.5	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	4.2	81.0	90.3	94.5	97.5	98.5	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	4.2	81.0	90.3	94.5	97.5	98.5	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	4.2	81.0	90.3	94.5	97.5	98.5	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

928

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

65-70, 73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.16	≥.1
NO CEILING	1.4	51.9	59.7	64.3	65.8	66.7	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.9	67.9
≥ 20000	1.4	58.3	66.5	72.6	74.2	75.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3
≥ 18000	1.4	55.4	66.7	72.8	74.4	75.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6
≥ 16000	1.4	59.7	67.1	73.1	74.8	75.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9
≥ 14000	1.4	58.8	67.3	73.5	75.1	75.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2
≥ 12000	1.4	59.8	68.3	74.9	76.5	77.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6
≥ 10000	1.4	63.1	72.1	78.9	80.7	81.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	83.0	83.0
≥ 9000	1.4	63.8	72.9	79.7	81.6	82.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8
≥ 8000	1.4	65.3	74.9	82.0	84.1	85.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4
≥ 7000	1.4	66.5	76.3	83.7	85.9	86.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1
≥ 6000	1.4	66.9	76.8	84.3	86.4	87.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7
≥ 5000	1.4	67.7	78.0	85.7	87.8	88.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1
≥ 4500	1.4	68.5	78.7	86.5	88.8	89.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0
≥ 4000	1.4	69.5	79.9	88.2	90.7	91.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1
≥ 3500	1.4	69.8	80.3	88.8	91.3	92.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6
≥ 3000	1.4	70.8	81.7	90.4	92.9	93.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.3	95.3
≥ 2500	1.4	71.1	82.2	91.3	93.9	94.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3
≥ 2000	1.7	72.2	83.4	92.7	95.4	96.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 1800	1.7	72.2	83.4	92.7	95.4	96.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 1500	1.7	72.2	83.5	92.9	95.6	96.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 1200	1.7	72.2	83.5	92.9	95.6	96.9	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 1000	1.7	72.3	83.6	93.0	95.7	97.0	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8
≥ 900	1.7	72.3	83.6	93.2	95.9	97.2	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 800	1.7	72.5	83.8	93.4	96.1	97.4	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 700	1.7	72.5	83.9	93.5	96.2	97.5	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.6	99.6
≥ 600	1.7	72.5	84.0	93.7	96.4	97.7	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 500	1.7	72.5	84.0	93.9	96.5	97.8	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	1.7	72.5	84.0	93.9	96.5	97.8	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	1.7	72.5	84.0	93.9	96.5	97.8	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	1.7	72.5	84.0	93.9	96.5	97.8	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	1.7	72.5	84.0	93.9	96.5	97.8	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	1.7	72.5	84.0	93.9	96.5	97.8	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1971
YEAR

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (24)

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	2.1	45.2	52.2	57.4	63.6	62.0	63.2	64.3	64.5	64.7	64.9	64.9	65.1	65.1	65.2	65.2
≥ 20000	2.2	50.9	58.2	63.7	67.2	68.6	69.9	71.1	71.3	71.6	71.8	71.8	72.1	72.1	72.2	72.2
≥ 18000	2.3	51.2	58.5	64.1	67.6	69.1	70.4	71.5	71.7	72.0	72.2	72.2	72.5	72.5	72.7	72.7
IV 16000	2.3	51.5	58.8	64.4	67.9	69.3	70.6	71.8	72.0	72.3	72.5	72.5	72.8	72.8	73.0	73.0
IV 14000	2.3	51.9	59.4	65.0	68.6	70.0	71.3	72.5	72.7	73.0	73.2	73.2	73.5	73.5	73.7	73.7
IV 12000	2.3	53.6	61.3	67.0	70.7	72.2	73.6	74.7	74.9	75.2	75.4	75.4	75.7	75.8	75.9	75.9
IV 10000	2.4	56.2	64.3	70.3	74.0	75.6	77.1	78.3	78.5	78.8	79.0	79.0	79.3	79.3	79.5	79.5
IV 9000	2.4	57.0	65.2	71.1	74.8	76.5	77.9	79.1	79.3	79.7	79.9	79.9	80.1	80.2	80.3	80.3
IV 8000	2.4	58.5	67.1	73.2	77.1	78.8	80.3	81.5	81.8	82.1	82.3	82.3	82.6	82.6	82.9	82.8
IV 7000	2.4	59.2	67.9	74.2	78.2	79.8	81.3	82.6	82.9	83.2	83.4	83.4	83.7	83.8	83.9	83.9
IV 6000	2.4	59.5	68.4	74.7	78.7	80.3	81.8	83.2	83.4	83.8	84.0	84.0	84.3	84.3	84.5	84.5
IV 5000	2.4	60.2	69.2	75.7	79.8	81.4	83.0	84.3	84.6	84.9	85.1	85.1	85.4	85.5	85.6	85.6
IV 4500	2.4	60.6	69.6	76.2	80.2	81.9	83.5	84.9	85.1	85.5	85.7	85.7	85.9	86.0	86.1	86.1
IV 4000	2.4	61.0	71.2	77.9	82.1	83.8	85.4	86.7	87.0	87.4	87.5	87.5	87.8	87.9	88.0	88.0
IV 3500	2.4	62.3	71.7	78.5	82.7	84.4	86.0	87.4	87.7	88.0	88.2	88.2	88.5	88.5	88.7	88.7
IV 3000	2.5	63.6	73.2	80.1	84.5	86.2	87.8	89.2	89.5	89.9	90.0	90.0	90.3	90.4	90.5	90.5
IV 2500	2.5	64.3	74.1	81.2	85.7	87.5	89.1	90.5	90.8	91.1	91.3	91.3	91.6	91.7	91.8	91.8
IV 2000	2.6	65.1	75.1	82.3	86.8	88.8	90.4	91.8	92.1	92.5	92.7	92.7	93.0	93.1	93.2	93.2
IV 1800	2.6	65.2	75.2	82.4	86.9	88.9	90.5	91.9	92.2	92.6	92.8	92.8	93.1	93.2	93.3	93.3
IV 1500	2.6	65.7	75.9	83.2	87.8	89.8	91.5	93.0	93.3	93.7	93.9	93.9	94.1	94.2	94.4	94.4
IV 1200	2.6	66.0	76.2	83.6	88.3	90.3	92.0	93.6	93.9	94.3	94.5	94.5	94.8	94.8	95.0	95.0
IV 1000	2.7	66.2	76.4	84.0	88.7	90.7	92.5	94.1	94.4	94.8	95.0	95.0	95.3	95.4	95.5	95.6
IV 900	2.7	66.4	76.6	84.2	89.0	91.1	92.8	94.4	94.8	95.2	95.4	95.4	95.7	95.8	95.9	96.0
IV 800	2.7	66.5	76.8	84.5	89.3	91.5	93.3	94.9	95.3	95.7	95.9	95.9	96.2	96.3	96.4	96.5
IV 700	2.7	66.6	76.9	84.7	89.5	91.7	93.6	95.2	95.6	96.0	96.2	96.2	96.6	96.6	96.8	96.8
IV 600	2.7	66.7	77.0	84.9	89.8	92.1	93.9	95.6	96.0	96.5	96.7	96.7	97.0	97.1	97.2	97.3
IV 500	2.7	66.8	77.3	85.2	90.3	92.6	94.6	96.3	96.8	97.3	97.5	97.5	97.9	97.9	98.1	98.2
IV 400	2.7	66.8	77.4	85.3	90.6	92.9	94.9	96.7	97.2	97.7	98.0	98.0	98.3	98.4	98.6	98.7
IV 300	2.7	66.8	77.4	85.4	90.6	93.0	95.0	97.0	97.4	98.0	98.3	98.3	98.6	98.8	99.1	99.2
IV 200	2.7	66.8	77.4	85.4	90.7	93.0	95.1	97.1	97.6	98.2	98.5	98.5	98.8	98.9	99.4	99.6
IV 100	2.7	66.8	77.4	85.4	90.7	93.0	95.1	97.1	97.6	98.3	98.6	98.6	99.0	99.2	99.6	99.9
IV 0	2.7	66.8	77.4	85.4	90.7	93.0	95.1	97.1	97.6	98.3	98.6	98.6	99.0	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0200
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	.6	53.9	57.8	65.0	69.4	70.3	70.9	71.6	71.7	71.6	71.9	71.9	72.0	72.0	72.0	72.3
≥ 20000	.6	52.7	60.0	67.9	72.7	73.7	74.2	74.9	75.0	75.1	75.2	75.2	75.3	75.3	75.3	75.7
≥ 18000	.6	52.9	60.2	68.2	73.0	74.0	74.6	75.2	75.3	75.4	75.6	75.6	75.7	75.7	75.7	76.0
≥ 16000	.6	52.9	60.2	68.2	73.0	74.0	74.6	75.2	75.3	75.4	75.6	75.6	75.7	75.7	75.7	76.0
≥ 14000	.6	53.4	60.8	68.8	73.6	74.6	75.1	75.8	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.6
≥ 12000	.6	54.3	62.0	70.2	75.2	76.2	76.8	77.4	77.6	77.7	77.8	77.8	77.9	77.9	77.9	78.2
IV 10000	.6	55.7	63.8	72.3	78.0	79.0	79.9	80.6	80.7	80.8	80.9	80.9	81.0	81.0	81.0	81.3
IV 9000	.6	56.0	64.1	72.7	78.3	79.3	80.2	80.9	81.0	81.1	81.2	81.2	81.3	81.3	81.3	81.7
IV 8000	.6	58.0	66.3	75.2	81.0	82.0	82.9	83.6	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.3
IV 7000	.6	58.4	66.8	75.9	81.8	82.8	83.7	84.3	84.4	84.6	84.7	84.7	84.8	84.8	84.8	85.1
IV 6000	.6	58.8	67.1	76.2	82.1	83.1	84.0	84.7	84.8	84.9	85.0	85.0	85.1	85.1	85.1	85.4
IV 5000	.6	58.8	67.3	76.4	82.3	83.3	84.2	84.9	85.0	85.1	85.2	85.2	85.3	85.3	85.3	85.7
IV 4500	.6	59.3	67.9	77.0	83.0	84.1	85.0	85.7	85.8	85.9	86.0	86.0	86.1	86.1	86.1	86.4
IV 4000	.6	60.9	69.6	79.1	85.1	86.2	87.2	87.9	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.7
IV 3500	.6	61.1	69.8	79.3	85.6	86.7	87.7	88.3	88.4	88.6	88.7	88.7	88.8	88.8	88.8	89.1
IV 3000	.6	61.4	70.4	80.3	86.6	87.7	88.7	89.3	89.4	89.6	89.7	89.7	89.8	89.8	89.8	90.1
IV 2500	.6	61.4	70.4	80.3	86.6	87.7	88.7	89.3	89.4	89.6	89.7	89.7	89.8	89.8	89.8	90.1
IV 2000	.6	61.8	70.8	80.7	86.9	88.0	89.1	89.8	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.6
IV 1800	.6	62.0	71.0	81.0	87.2	88.3	89.4	90.1	90.2	90.3	90.4	90.4	90.6	90.6	90.6	90.9
IV 1500	.6	62.4	71.7	81.7	87.9	89.0	90.1	90.8	90.9	91.0	91.1	91.1	91.2	91.2	91.2	91.6
IV 1200	.6	62.8	72.3	82.3	88.6	89.7	91.0	91.7	91.8	92.0	92.1	92.1	92.2	92.2	92.2	92.6
IV 1000	.6	63.1	72.8	82.8	89.1	90.3	92.3	93.2	93.3	93.6	93.7	93.7	93.8	93.8	93.8	94.1
IV 900	.6	63.6	73.3	83.4	89.8	91.0	93.0	93.9	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.8
IV 800	.6	63.9	73.8	83.9	90.4	91.8	93.8	94.7	94.8	95.0	95.1	95.1	95.2	95.2	95.2	95.6
IV 700	.6	63.9	74.2	84.6	91.1	92.4	94.4	95.3	95.4	95.7	95.8	95.8	95.9	95.9	95.9	96.2
IV 600	.6	63.9	74.2	84.7	91.3	92.7	94.7	95.6	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.4
IV 500	.6	63.9	74.2	84.8	92.0	93.4	95.6	96.9	97.1	97.3	97.4	97.4	97.6	97.6	97.6	97.9
IV 400	.6	64.1	74.4	85.1	92.9	94.4	96.6	98.0	98.2	98.4	98.6	98.6	98.7	98.7	98.7	99.0
IV 300	.6	64.2	74.7	85.6	93.3	95.0	97.2	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.7
IV 200	.6	64.2	74.7	85.6	93.3	95.0	97.2	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.7
IV 100	.6	64.2	74.7	85.6	93.3	95.0	97.2	98.7	98.9	99.1	99.2	99.2	99.3	99.4	99.6	99.9
IV 0	.6	64.2	74.7	85.6	93.3	95.0	97.2	98.7	98.9	99.1	99.2	99.2	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 953

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

330-4500
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.7	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	31.7	40.7	47.4	54.3	56.9	59.2	61.6	62.3	63.2	63.7	63.7	63.8	63.9	64.7	64.3	
≥ 20000	31.7	42.2	49.2	56.6	59.7	62.4	65.1	65.9	66.9	67.3	67.3	67.4	67.6	68.3	68.0	
≥ 18000	31.8	42.4	49.4	56.8	59.9	62.7	65.3	66.1	67.1	67.6	67.6	67.7	67.8	68.2	68.2	
≥ 16000	31.8	42.4	49.4	56.8	59.9	62.7	65.3	66.1	67.1	67.6	67.6	67.7	67.8	68.2	68.2	
≥ 14000	32.1	42.9	45.3	57.2	65.3	63.1	65.8	66.6	67.6	68.7	68.0	68.1	68.2	68.7	68.7	
≥ 12000	33.2	44.0	51.3	58.7	61.8	64.6	67.2	68.0	69.0	69.4	69.4	69.6	69.7	70.1	70.1	
≥ 10000	34.4	45.8	53.2	61.0	64.1	67.1	69.8	70.6	71.6	72.7	72.0	72.1	72.2	72.7	72.7	
≥ 9000	34.4	45.8	53.2	61.0	64.1	67.1	69.9	70.8	71.8	72.2	72.2	72.3	72.4	72.9	72.9	
≥ 8000	36.2	48.0	55.6	63.6	66.7	69.7	72.4	73.3	74.3	74.8	74.8	74.9	75.0	75.4	75.4	
≥ 7000	36.6	48.3	56.1	64.2	67.3	70.3	73.1	74.0	75.0	75.4	75.4	75.7	75.8	76.2	76.2	
≥ 6000	36.6	48.3	56.1	64.2	67.3	70.3	73.1	74.0	75.0	75.4	75.4	75.7	75.8	76.2	76.2	
≥ 5000	37.0	49.0	56.8	64.9	68.0	71.0	73.8	74.7	75.7	76.1	76.1	76.3	76.4	76.9	76.9	
≥ 4500	37.3	49.4	57.2	65.3	68.4	71.4	74.2	75.1	76.1	76.6	76.6	76.8	76.9	77.3	77.3	
≥ 4000	38.3	50.2	58.8	67.0	70.1	73.3	76.1	77.0	78.0	78.4	78.4	78.7	78.8	79.2	79.2	
≥ 3500	38.7	51.2	59.2	67.6	70.7	74.1	76.9	77.8	78.8	79.2	79.2	79.4	79.6	80.0	80.0	
≥ 3000	39.8	52.6	60.7	69.0	72.1	75.6	78.3	79.2	80.2	80.7	80.7	80.9	81.0	81.4	81.4	
≥ 2500	40.7	53.6	61.7	70.0	73.1	76.7	79.4	80.4	81.4	81.9	81.9	82.1	82.2	82.7	82.7	
≥ 2000	40.8	53.9	62.2	70.6	73.7	77.2	80.1	81.1	82.1	82.6	82.6	82.6	82.9	83.3	83.3	
≥ 1800	41.1	54.3	62.7	71.0	74.1	77.7	80.6	81.6	82.6	83.0	83.0	83.2	83.3	83.8	83.8	
≥ 1500	41.2	54.6	63.1	71.4	74.6	78.1	81.2	82.2	83.2	83.7	83.7	83.9	84.0	84.4	84.4	
≥ 1200	42.0	55.3	64.0	72.6	75.7	79.4	82.7	83.7	84.7	85.1	85.1	85.3	85.4	85.9	85.9	
≥ 1000	42.2	55.9	64.7	73.4	76.9	80.8	84.0	85.0	86.0	86.4	86.4	86.7	86.8	87.2	87.2	
≥ 900	43.1	57.0	65.8	74.7	78.1	82.0	85.2	86.2	87.2	87.7	87.7	87.9	88.0	88.4	88.4	
≥ 800	43.2	57.3	66.1	75.1	78.6	82.7	85.9	86.9	87.9	88.3	88.3	88.6	88.7	89.1	89.1	
≥ 700	43.6	57.8	66.8	76.0	79.4	83.6	86.8	87.8	88.8	89.2	89.2	89.4	89.6	90.0	90.0	
≥ 600	43.6	57.9	67.0	76.6	80.0	84.3	87.7	88.7	89.7	90.1	90.1	90.3	90.4	90.9	90.9	
≥ 500	43.9	58.4	67.9	77.8	81.3	85.8	89.3	90.6	91.6	92.0	92.0	92.2	92.3	92.8	92.8	
≥ 400	43.9	58.6	68.1	78.2	81.8	86.7	90.2	91.4	92.6	93.2	93.3	93.6	93.7	94.1	94.1	
≥ 300	43.9	58.7	68.3	78.7	82.2	87.2	90.9	92.1	93.4	94.3	94.6	95.0	95.1	95.6	95.9	
≥ 200	43.9	58.7	68.4	78.8	82.3	87.3	91.3	92.7	94.1	95.2	95.4	96.1	96.2	96.9	97.2	
≥ 100	43.9	58.7	68.4	78.8	82.3	87.3	91.4	92.9	94.4	95.6	95.8	96.4	96.7	97.7	98.4	
≥ 0	43.9	58.7	68.4	78.8	82.3	87.3	91.4	92.9	94.4	95.6	95.8	96.4	96.7	98.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-77, 73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7620-7800
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	.6	24.9	32.9	37.4	41.4	44.0	47.9	51.0	52.2	53.3	54.1	54.2	54.6	54.8	55.1	55.9
≥20000	.7	26.9	35.4	40.9	45.0	47.7	51.6	55.0	56.3	57.4	58.2	58.3	58.7	59.0	59.3	60.1
≥18000	.7	26.9	35.4	40.9	45.0	47.7	51.6	55.0	56.3	57.4	58.2	58.3	58.7	59.0	59.3	60.1
≥16000	.7	26.9	35.4	41.0	45.1	47.8	51.7	55.1	56.4	57.6	58.3	58.4	58.8	59.1	59.4	60.2
≥14000	.7	27.3	35.9	41.7	45.8	48.4	52.3	55.8	57.1	58.2	59.1	59.2	59.6	59.9	60.2	61.1
≥12000	1.0	28.7	37.4	43.6	48.0	50.7	54.6	58.0	59.3	60.4	61.3	61.4	61.8	62.1	62.4	63.3
≥10000	1.0	29.6	38.7	45.0	49.9	52.7	56.7	60.1	61.6	62.8	63.7	63.8	64.1	64.4	64.8	65.7
≥9000	1.1	29.7	38.8	45.2	50.1	52.9	56.9	60.4	61.9	63.1	64.0	64.1	64.4	64.8	65.1	66.0
≥8000	1.0	31.4	41.1	48.1	53.4	56.6	60.7	64.2	65.8	67.0	67.9	68.0	68.4	68.8	69.1	70.0
≥7000	1.0	31.8	41.8	48.9	54.2	57.3	61.4	65.0	66.6	67.8	68.8	68.9	69.3	69.7	70.3	70.9
≥6000	1.0	32.6	42.7	49.8	55.1	58.2	62.3	65.9	67.4	68.7	69.7	69.8	70.2	70.6	70.9	71.8
≥5000	1.0	33.7	43.1	50.4	56.0	59.1	63.2	66.8	68.3	69.8	70.8	70.9	71.3	71.7	72.0	72.9
≥4500	1.0	33.6	43.7	51.0	56.6	59.8	63.9	67.4	69.7	70.4	71.4	71.6	72.0	72.3	72.7	73.6
≥4000	1.0	34.3	44.7	52.0	57.6	60.8	64.9	68.8	70.4	72.0	73.0	73.1	73.6	73.9	74.2	75.1
≥3500	1.0	34.7	45.1	52.4	58.0	61.3	65.4	69.3	71.0	72.6	73.6	73.7	74.1	74.4	74.8	75.7
≥3000	1.0	35.7	46.7	54.0	59.6	62.9	67.1	71.0	72.7	74.2	75.2	75.3	75.8	76.1	76.4	77.3
≥2500	1.0	36.9	47.9	55.2	61.0	64.4	68.8	72.7	74.3	75.9	76.9	77.0	77.4	77.8	78.1	79.0
≥2000	1.0	37.7	48.8	56.3	62.1	65.7	70.0	73.9	75.6	77.1	78.1	78.2	78.7	79.0	79.3	80.2
≥1800	1.0	38.0	49.1	56.7	62.4	66.0	70.3	74.3	76.0	77.6	78.6	78.7	79.1	79.4	79.8	80.7
≥1500	1.0	38.4	49.6	57.3	63.1	66.7	71.0	75.0	76.7	78.2	79.2	79.3	79.8	80.1	80.4	81.3
≥1200	1.0	39.3	50.7	58.1	64.0	67.6	71.9	76.0	77.7	79.2	80.2	80.3	80.8	81.1	81.4	82.3
≥1000	1.0	39.2	50.4	58.3	64.6	68.1	72.4	76.9	78.6	80.1	81.1	81.2	81.7	82.0	82.3	83.2
≥900	1.0	39.7	51.1	59.1	65.3	69.0	73.4	78.0	79.7	81.3	82.3	82.4	82.9	83.2	83.6	84.4
≥800	1.1	40.8	52.2	60.4	66.9	70.7	75.1	79.9	81.7	83.3	84.3	84.4	84.9	85.2	85.6	86.4
≥700	1.1	41.2	53.1	61.3	67.9	72.0	76.4	81.4	83.3	85.1	86.1	86.2	86.7	87.0	87.3	88.2
≥600	1.2	41.6	53.6	61.8	68.4	72.7	77.1	82.1	84.1	85.9	86.9	87.0	87.4	87.8	88.1	89.0
≥500	1.4	42.1	54.3	62.9	70.0	74.3	79.1	84.3	86.4	88.6	89.9	90.1	90.7	91.0	91.3	92.2
≥400	1.4	42.1	54.4	63.0	70.2	74.8	80.0	85.2	87.4	89.6	91.1	91.3	92.0	92.3	92.8	93.7
≥300	1.4	42.1	54.4	63.1	70.3	75.0	80.4	85.9	88.3	90.8	92.3	92.6	93.4	93.8	94.3	95.6
≥200	1.4	42.1	54.4	63.1	70.3	75.0	80.4	85.9	88.3	91.0	92.8	93.2	94.2	94.7	95.6	97.3
≥100	1.4	42.1	54.4	63.1	70.3	75.0	80.4	85.9	88.3	91.0	93.0	93.4	94.9	95.4	96.3	99.1
≥0	1.4	42.1	54.4	63.1	70.3	75.0	80.4	85.9	88.3	91.0	93.0	93.4	94.9	95.4	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713

SEYMOUR-JOHNSON AFB NC

67-70, 73-78

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	3.1	51.4	54.7	57.2	58.7	59.2	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000	3.6	55.7	59.7	61.6	63.1	63.7	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000	3.6	56.3	59.8	62.3	63.9	64.4	64.9	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4
≥ 16000	3.6	56.7	60.1	62.7	64.2	64.8	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	3.6	57.1	60.6	63.1	64.7	65.3	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9
≥ 12000	3.6	59.2	62.8	65.3	66.9	67.4	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1
≥ 10000	3.9	63.1	66.7	69.3	71.0	71.6	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	3.9	63.7	67.2	69.7	71.6	72.1	72.6	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	3.9	66.4	70.1	72.9	74.6	75.1	75.6	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	3.9	67.2	70.9	73.7	75.3	75.9	76.3	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
≥ 6000	3.9	68.1	71.8	74.6	76.2	76.8	77.2	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
≥ 5000	3.9	68.6	72.4	75.2	77.0	77.6	78.3	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500	3.9	69.8	73.4	76.2	78.0	78.6	79.0	79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4000	3.9	70.9	74.6	77.6	79.3	79.9	80.4	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500	3.9	71.2	75.0	78.0	79.8	80.3	80.9	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3000	3.9	72.4	76.3	79.6	81.6	82.1	82.7	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	3.9	73.7	77.6	80.8	82.8	83.3	83.9	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2000	3.9	74.9	78.7	82.0	84.0	84.6	85.1	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	3.9	75.3	79.2	82.6	84.7	85.2	85.8	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1500	3.9	76.8	80.7	84.1	86.2	86.8	87.3	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	3.9	78.7	82.8	86.2	88.6	89.1	89.7	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	4.1	79.8	84.1	87.9	90.2	90.9	91.7	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 900	4.1	80.7	85.0	88.8	91.1	91.8	92.6	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	4.1	81.6	86.0	90.0	92.4	93.1	94.0	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	4.1	82.1	86.6	90.9	93.4	94.3	95.2	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	4.2	82.7	87.2	92.0	94.6	95.4	96.3	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	4.3	83.0	87.7	92.8	95.7	96.7	97.6	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	4.3	83.0	87.7	92.8	95.8	97.0	98.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	4.3	83.0	87.8	93.0	96.0	97.2	98.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	4.3	83.0	87.8	93.0	96.0	97.2	98.3	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	4.3	83.0	87.8	93.0	96.0	97.2	98.3	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	4.3	83.0	87.8	93.0	96.0	97.2	98.3	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW PATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	5.1	57.6	59.1	59.2	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	6.7	64.1	66.2	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	6.1	64.7	66.8	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000	5.1	65.2	67.3	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 14000	6.1	66.1	68.2	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000	6.2	69.0	71.1	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 10000	6.6	74.0	76.1	76.4	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	6.6	74.2	76.3	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 8000	6.7	77.1	79.4	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	6.7	78.7	80.3	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	6.7	78.7	81.7	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000	6.7	79.3	81.7	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4500	6.7	79.8	82.1	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4000	6.7	81.1	83.6	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	6.8	82.7	85.3	85.7	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3000	7.0	85.4	88.3	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	7.0	85.9	89.9	90.3	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	7.2	88.7	92.4	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	7.2	88.9	92.7	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	7.3	89.3	93.1	93.6	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	7.4	90.8	94.8	95.3	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	7.7	91.9	95.9	96.4	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	7.7	92.1	96.1	96.7	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	7.7	92.7	96.8	97.3	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	7.7	93.0	97.2	97.8	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	7.7	93.1	97.3	97.9	98.7	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	7.7	93.2	97.4	98.0	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	7.7	93.2	97.4	98.0	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	7.7	93.2	97.4	98.0	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	7.7	93.2	97.4	98.0	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	7.7	93.2	97.4	98.0	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	7.7	93.2	97.4	98.0	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70,73-76
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1507-1770
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	5.3	59.4	61.1	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	5.9	66.7	68.7	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 18000	5.9	67.3	69.3	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 16000	5.9	67.9	69.9	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 14000	6.0	69.0	71.1	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 12000	6.0	70.9	73.0	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 10000	6.6	75.3	77.7	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 9000	6.6	75.6	77.9	78.3	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	6.6	79.3	81.8	82.2	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000	6.6	80.3	82.8	83.2	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 6000	6.6	81.2	84.1	84.6	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 5000	6.6	82.6	85.3	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4500	6.7	84.0	86.8	87.3	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	6.7	85.2	88.7	88.6	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	6.7	86.0	88.8	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	6.7	87.9	90.9	91.4	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	6.8	93.7	93.7	94.2	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	6.8	91.3	94.4	95.1	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	6.8	91.8	94.9	95.6	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	6.8	92.6	95.8	96.4	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	6.9	93.6	96.8	97.4	97.8	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	6.9	94.0	97.2	98.0	98.7	98.8	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	6.9	94.1	97.3	98.1	98.8	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	6.9	94.7	97.9	98.7	99.3	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	6.9	94.8	98.0	98.8	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	6.9	94.8	98.0	98.8	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	6.9	94.8	98.0	98.8	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	6.9	94.8	98.0	98.8	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	6.9	94.8	98.0	98.8	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	6.9	94.8	98.0	98.8	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	6.9	94.8	98.0	98.8	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	6.9	94.8	98.0	98.8	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

IDEAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	3.3	61.8	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 20000	3.4	67.7	71.9	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	3.4	67.9	72.2	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 16000	3.4	68.4	72.8	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	3.4	68.8	73.1	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 12000	3.4	70.8	75.1	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 10000	3.4	73.0	77.4	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 9000	3.4	73.3	77.6	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 8000	3.4	75.4	80.0	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 7000	3.4	76.8	81.3	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	3.4	77.4	82.2	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 5000	3.4	78.3	83.3	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500	3.4	79.3	84.6	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000	3.4	81.6	85.8	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500	3.4	81.9	87.1	88.9	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	3.4	83.2	88.4	90.3	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	3.4	84.6	90.0	91.9	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	3.4	85.2	90.8	92.8	94.1	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	3.4	85.6	91.1	93.1	94.4	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	3.6	86.7	92.2	94.2	95.6	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	3.6	87.0	92.8	94.8	96.2	96.4	96.9	97.0	97.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	3.6	87.3	93.1	95.1	96.6	96.8	97.2	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	3.6	87.8	93.9	95.9	97.3	97.6	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	3.6	88.0	94.2	96.3	97.8	98.0	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	3.6	88.0	94.2	96.4	98.0	98.2	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	3.6	88.0	94.2	96.6	98.3	98.7	99.1	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	3.6	88.0	94.3	96.7	98.4	98.8	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	3.6	88.0	94.3	96.7	98.4	98.8	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	3.6	88.0	94.3	96.7	98.4	98.8	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	3.6	88.0	94.3	96.7	98.4	98.8	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	3.6	88.0	94.3	96.7	98.4	98.8	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	3.6	88.0	94.3	96.7	98.4	98.8	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-73, 73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS, LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	1.1	57.4	64.8	63.8	73.1	70.2	70.3	75.3	75.3	75.3	75.4	75.6	75.6	75.6	75.6	75.6
≥ 20000	1.1	61.2	68.3	73.4	74.8	74.9	75.0	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2
≥ 18000	1.1	61.8	69.3	74.3	75.3	75.4	75.6	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8
IV 16000	1.1	61.8	69.3	74.3	75.3	75.4	75.6	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8
IV 14000	1.1	62.7	70.2	74.9	76.2	76.3	76.4	76.4	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7
IV 12000	1.1	63.6	71.3	76.4	77.8	78.0	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 10000	1.1	64.7	72.6	78.4	79.8	80.1	80.2	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 9000	1.1	64.8	72.7	78.6	79.9	80.2	80.3	80.3	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6
IV 8000	1.1	67.2	75.1	81.1	82.6	82.9	83.0	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2
IV 7000	1.1	67.6	76.7	82.2	83.7	84.0	84.1	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3
IV 6000	1.1	68.2	76.6	82.9	84.3	84.7	84.8	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0
IV 5000	1.1	69.9	78.3	84.8	86.2	86.6	86.7	86.7	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9
IV 4500	1.1	70.4	79.1	85.8	87.2	87.6	87.7	87.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9
IV 4000	1.1	72.4	81.3	88.0	89.6	90.0	90.1	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3
IV 3500	1.1	72.9	81.9	88.7	90.2	90.7	90.8	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
IV 3000	1.1	73.6	82.6	89.4	91.0	91.4	91.6	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8
IV 2500	1.1	74.1	83.8	90.9	92.4	92.9	93.0	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2
IV 2000	1.1	74.4	84.3	91.6	93.3	93.8	94.0	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2
IV 1800	1.1	74.6	84.6	91.7	93.4	93.9	94.1	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3
IV 1500	1.1	75.0	85.0	92.4	94.3	94.9	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
IV 1200	1.1	75.7	85.9	93.4	95.6	96.1	96.4	96.4	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7
IV 1000	1.1	75.9	86.3	94.0	96.2	97.0	97.3	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7
IV 900	1.1	76.2	86.7	94.3	96.6	97.3	97.8	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	1.1	76.3	86.8	94.4	96.7	97.7	98.1	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	1.1	76.8	87.0	94.7	97.0	98.0	98.4	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	1.1	76.8	87.2	94.9	97.3	98.6	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	1.1	76.9	87.4	95.1	97.8	99.0	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	1.1	76.9	87.4	95.2	97.9	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	1.1	76.9	87.4	95.2	97.9	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	1.1	76.9	87.4	95.2	97.9	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	1.1	76.9	87.4	95.2	97.9	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	1.1	76.9	87.4	95.2	97.9	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

SEE
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	2.4	49.3	54.6	57.9	60.3	61.1	62.0	62.8	63.1	63.4	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000	2.7	53.3	59.3	62.7	65.2	66.1	67.1	67.9	68.2	68.5	68.7	68.7	68.7	68.8	68.8	68.9
≥ 18000	2.7	53.7	59.4	63.1	65.6	66.5	67.5	68.4	68.6	68.9	69.1	69.1	69.1	69.2	69.2	69.3
≥ 16000	2.7	53.9	59.7	63.4	65.8	66.8	67.8	68.6	68.9	69.2	69.4	69.4	69.4	69.5	69.5	69.6
≥ 14000	2.7	54.6	60.3	64.1	66.5	67.5	68.4	69.3	69.6	69.9	70.1	70.1	70.2	70.2	70.3	70.5
≥ 12000	2.9	55.2	62.1	66.2	68.6	69.5	70.5	71.4	71.6	71.9	72.1	72.2	72.2	72.3	72.4	72.5
≥ 10000	2.9	58.7	64.8	69.2	71.8	72.7	73.8	74.7	75.1	75.3	75.3	75.5	75.5	75.6	75.6	75.9
≥ 9000	2.9	59.0	65.1	69.4	72.3	73.0	74.0	75.0	75.3	75.6	75.8	75.8	75.9	75.9	76.0	76.2
≥ 8000	2.9	61.4	67.7	72.1	74.9	76.0	77.0	78.0	78.3	78.6	78.8	78.8	78.9	79.0	79.1	79.2
≥ 7000	2.9	62.1	68.5	72.7	75.8	76.9	77.9	78.9	79.2	79.5	79.7	79.8	79.8	79.9	80.0	80.2
≥ 6000	2.9	63.7	69.2	73.7	76.6	77.6	78.7	79.6	79.9	80.2	80.4	80.5	80.6	80.7	80.7	80.9
≥ 5000	2.9	63.5	70.1	74.6	77.5	78.5	79.6	80.5	80.9	81.2	81.4	81.4	81.5	81.6	81.7	81.9
≥ 4500	3.0	64.2	70.9	75.4	78.4	79.4	80.5	81.4	81.8	82.1	82.3	82.3	82.4	82.5	82.6	82.8
≥ 4000	3.0	65.6	72.4	77.1	80.1	81.2	82.3	83.3	83.6	84.0	84.2	84.2	84.3	84.4	84.5	84.6
≥ 3500	3.0	66.1	73.1	77.7	80.8	81.9	83.0	84.0	84.4	84.7	84.9	85.0	85.1	85.1	85.2	85.4
≥ 3000	3.0	67.4	74.5	79.3	82.5	83.6	84.8	85.7	86.1	86.4	86.7	86.7	86.8	86.8	86.9	87.1
≥ 2500	3.0	68.6	75.8	80.7	83.9	85.0	86.2	87.2	87.6	87.9	88.1	88.2	88.3	88.3	88.4	88.6
≥ 2000	3.0	69.3	76.8	81.7	85.0	86.1	87.4	88.4	88.8	89.1	89.3	89.3	89.4	89.5	89.6	89.7
≥ 1800	3.0	69.7	77.1	82.0	85.3	86.5	87.8	88.8	89.1	89.5	89.7	89.7	89.8	89.9	90.0	90.1
≥ 1500	3.1	70.3	77.8	82.9	86.2	87.3	88.6	89.7	90.0	90.4	90.6	90.6	90.7	90.8	90.8	91.0
≥ 1200	3.1	71.2	78.9	84.0	87.4	88.6	89.9	91.0	91.4	91.8	92.0	92.0	92.1	92.2	92.3	92.4
≥ 1000	3.2	71.7	79.5	84.7	88.2	89.5	91.0	92.2	92.6	92.9	93.2	93.2	93.3	93.3	93.4	93.6
≥ 900	3.2	72.2	80.1	85.3	88.8	90.2	91.7	92.9	93.3	93.7	93.9	93.9	94.0	94.1	94.2	94.3
≥ 800	3.2	72.8	80.6	85.9	89.6	91.0	92.5	93.8	94.2	94.6	94.8	94.8	94.9	95.0	95.1	95.2
≥ 700	3.2	72.9	81.0	86.4	90.2	91.6	93.2	94.5	94.9	95.3	95.5	95.6	95.7	95.7	95.8	96.0
≥ 600	3.2	73.0	81.2	86.7	90.6	92.1	93.7	95.1	95.4	95.8	96.1	96.1	96.2	96.3	96.3	96.5
≥ 500	3.2	73.2	81.5	87.1	91.2	92.8	94.5	96.0	96.4	96.9	97.2	97.2	97.3	97.4	97.5	97.7
≥ 400	3.2	73.3	81.5	87.2	91.5	93.1	95.0	96.5	96.9	97.4	97.8	97.8	98.0	98.0	98.1	98.3
≥ 300	3.2	73.3	81.6	87.3	91.7	93.3	95.2	96.8	97.3	97.9	98.4	98.4	98.5	98.5	98.6	98.9
≥ 200	3.2	73.3	81.6	87.3	91.7	93.3	95.2	96.8	97.3	97.9	98.4	98.4	98.5	98.5	98.6	98.9
≥ 100	3.2	73.3	81.6	87.3	91.7	93.3	95.2	96.8	97.4	98.0	98.4	98.5	98.5	98.6	98.6	98.9
≥ 0	3.2	73.3	81.6	87.3	91.7	93.3	95.2	96.8	97.4	98.0	98.4	98.5	98.5	98.6	98.6	98.9

TOTAL NUMBER OF OBSERVATIONS 7200

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713 SEYMOUR-JOHNSON AFB NC

67-70, 73-78

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1952-1955

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	3.9	57.3	63.2	65.3	69.4	69.8	70.0	70.5	70.6	70.9	70.9	70.9	71.0	71.0	71.0	71.0
≥ 20000	3.9	58.5	64.0	67.8	71.1	71.5	72.0	72.6	72.7	73.0	73.0	73.0	73.1	73.1	73.2	73.2
IV 18000	3.9	58.6	64.6	69.1	71.2	71.6	72.2	72.7	72.8	73.1	73.1	73.1	73.2	73.2	73.3	73.3
IV 16000	3.9	58.7	64.7	68.1	71.3	71.7	72.3	72.6	72.9	73.2	73.2	73.2	73.3	73.3	73.4	73.4
IV 14000	3.9	59.2	65.3	68.6	72.0	72.5	73.0	73.5	73.7	74.0	74.0	74.0	74.1	74.1	74.2	74.2
IV 12000	3.9	60.5	67.0	70.3	73.8	74.2	74.8	75.4	75.5	75.6	75.8	75.8	75.9	75.9	76.0	76.0
IV 10000	3.9	61.9	68.6	72.2	76.2	76.7	77.4	78.0	78.2	78.5	78.5	78.5	78.6	78.6	78.7	78.7
IV 9000	3.9	62.8	69.5	73.0	77.1	77.5	78.3	78.8	79.0	79.4	79.4	79.4	79.5	79.5	79.6	79.6
IV 8000	3.9	64.1	71.3	75.2	79.2	79.7	80.4	81.1	81.3	81.6	81.6	81.6	81.7	81.7	81.8	81.8
IV 7000	3.9	64.8	72.4	76.3	80.4	80.9	81.6	82.3	82.5	82.8	82.8	82.8	82.9	82.9	83.0	83.0
IV 6000	3.9	65.7	73.4	77.5	81.6	82.1	82.8	83.4	83.7	84.0	84.0	84.0	84.1	84.1	84.2	84.2
IV 5000	3.9	67.0	74.6	78.9	83.1	83.9	84.6	85.3	85.5	85.8	85.8	85.8	85.9	85.9	86.0	86.0
IV 4500	3.9	67.8	75.3	79.9	84.1	84.8	85.6	86.2	86.5	86.8	86.8	86.8	86.9	86.9	87.0	87.0
IV 4000	3.9	68.6	76.6	80.8	85.1	85.8	86.6	87.2	87.4	87.7	87.7	87.7	87.8	87.8	88.0	88.0
IV 3500	3.9	68.7	76.7	80.9	85.2	85.9	86.8	87.4	87.6	88.0	88.0	88.0	88.1	88.1	88.2	88.2
IV 3000	3.9	69.1	77.3	81.7	86.1	86.9	87.7	88.4	88.6	88.9	88.9	88.9	89.0	89.0	89.1	89.1
IV 2500	3.9	69.4	77.7	82.2	86.6	87.3	88.2	88.8	89.0	89.4	89.4	89.4	89.5	89.5	89.6	89.6
IV 2000	3.9	69.9	78.7	83.2	87.6	88.4	89.5	90.1	90.3	90.6	90.6	90.6	90.8	90.8	90.9	90.9
IV 1800	3.9	69.9	78.8	83.3	87.7	88.5	89.7	90.3	90.5	90.9	90.9	90.9	91.0	91.0	91.1	91.1
IV 1500	3.9	70.4	79.8	84.4	88.8	89.6	90.8	91.4	91.6	91.9	91.9	91.9	92.0	92.0	92.2	92.2
IV 1200	3.9	71.6	80.8	85.4	89.8	90.5	91.9	92.6	92.8	93.1	93.1	93.1	93.2	93.2	93.3	93.3
IV 1000	3.9	72.2	82.0	86.7	91.4	92.3	93.8	94.4	94.6	94.9	94.9	94.9	95.1	95.1	95.2	95.2
IV 900	3.9	72.4	82.5	87.3	92.0	92.9	94.6	95.3	95.5	95.8	95.8	95.8	95.9	95.9	96.0	96.0
IV 800	3.9	72.4	82.6	87.6	92.6	93.4	95.2	95.6	96.0	96.3	96.3	96.3	96.5	96.5	96.6	96.6
IV 700	3.9	72.5	83.0	88.1	93.0	93.9	95.6	96.2	96.5	96.8	96.8	96.8	96.9	96.9	97.0	97.0
IV 600	3.9	72.5	83.1	88.2	93.3	94.2	95.9	96.6	96.8	97.1	97.2	97.2	97.3	97.3	97.4	97.4
IV 500	3.9	72.6	83.4	88.5	93.8	94.6	96.3	97.2	97.4	97.7	97.8	97.8	98.0	98.0	98.1	98.1
IV 400	3.9	72.9	83.8	88.8	94.1	95.1	96.8	98.0	98.2	98.6	98.7	98.7	98.8	98.8	98.9	98.9
IV 300	3.9	72.9	83.8	88.8	94.2	95.2	97.0	98.4	98.7	99.1	99.4	99.4	99.5	99.5	99.6	99.6
IV 200	3.9	72.9	83.8	88.9	94.3	95.3	97.1	98.5	98.8	99.2	99.5	99.5	99.6	99.6	99.7	99.7
IV 100	3.9	72.9	83.8	88.9	94.3	95.3	97.1	98.5	98.8	99.4	99.6	99.6	99.7	99.7	99.8	99.8
IV 0	3.9	72.9	83.8	88.9	94.3	95.3	97.1	98.5	98.8	99.4	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 14713 SEYMOUR-JOHNSON AFB NC

67-70, 73-78

107

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

377-1, 72

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005	≥.001
NO CEILING	2.5	41.8	53.1	57.6	61.1	51.7	63.8	64.6	65.1	65.3	65.7	65.7	66.1	66.5	66.8	67.4	67.4
≥ 20000	2.5	42.5	54.2	58.9	62.7	53.5	65.6	66.9	67.3	67.5	67.8	68.1	68.5	68.8	69.1	69.6	69.6
≥ 18000	2.5	42.6	54.3	59.0	62.8	63.7	65.7	67.0	67.4	67.6	68.2	68.2	68.6	68.9	69.2	69.9	69.9
≥ 16000	2.5	42.6	54.3	59.0	62.8	63.7	65.7	67.0	67.4	67.6	68.2	68.2	68.6	68.9	69.2	69.9	69.9
≥ 14000	2.5	43.0	54.7	59.5	63.3	64.3	66.3	67.7	68.2	68.4	68.9	69.4	69.9	70.2	70.7	71.6	71.6
≥ 12000	2.5	43.3	55.3	60.2	64.1	65.1	67.1	68.6	69.1	69.4	69.9	70.4	70.9	71.4	71.9	72.8	72.8
≥ 10000	2.5	44.4	56.5	61.4	65.3	66.2	68.4	69.9	70.8	71.2	71.7	72.3	72.6	72.9	73.5	73.7	73.7
≥ 9000	2.5	44.4	56.5	61.4	65.3	66.2	68.4	69.9	70.8	71.2	71.7	72.3	72.6	72.9	73.5	73.7	73.7
≥ 8000	2.5	45.1	58.5	63.8	67.7	68.3	70.4	71.9	72.7	73.2	73.8	74.3	74.9	75.3	75.6	76.2	76.2
≥ 7000	2.5	46.1	59.5	63.8	68.0	68.9	71.2	72.6	73.3	73.9	74.4	74.9	75.3	75.6	76.2	76.2	76.2
≥ 6000	2.5	47.1	59.6	64.0	69.1	70.1	72.3	73.6	74.5	75.1	75.6	76.1	76.5	76.9	77.4	77.4	77.4
≥ 5000	2.5	48.7	61.7	67.1	71.6	72.1	74.7	76.2	77.0	77.5	78.1	78.6	79.1	79.5	79.9	80.4	80.4
≥ 4500	2.5	49.0	62.7	67.4	71.9	72.5	75.2	76.8	77.5	78.1	78.6	79.1	79.5	79.9	80.4	80.9	80.9
≥ 4000	2.5	49.8	63.1	68.8	73.4	74.4	76.7	78.4	79.4	79.9	80.4	80.9	81.4	81.9	82.4	82.9	82.9
≥ 3500	2.5	50.1	63.5	69.2	73.9	74.8	77.1	78.8	79.6	80.3	80.9	81.4	81.9	82.4	82.9	83.4	83.4
≥ 3000	2.5	50.1	63.5	69.2	73.9	74.8	77.1	78.8	79.6	80.3	80.9	81.4	81.9	82.4	82.9	83.4	83.4
≥ 2500	2.5	50.8	64.3	70.5	75.4	76.5	79.0	80.6	81.7	82.3	82.8	83.3	83.8	84.3	84.8	85.3	85.3
≥ 2000	2.5	51.3	65.2	71.5	76.3	77.4	80.2	81.9	82.9	83.4	84.0	84.5	85.0	85.5	86.0	86.5	86.5
≥ 1800	2.5	51.7	65.7	72.0	76.9	78.1	81.0	82.7	83.7	84.2	84.7	85.2	85.7	86.2	86.7	87.2	87.2
≥ 1500	2.5	52.7	66.7	73.1	78.1	79.2	82.2	83.7	84.6	85.4	85.9	86.4	86.9	87.4	87.9	88.4	88.4
≥ 1200	2.5	53.3	68.1	74.4	79.4	80.5	83.7	85.4	86.3	86.9	87.4	87.9	88.4	88.9	89.4	89.9	89.9
≥ 1000	2.5	54.3	69.0	75.7	80.6	81.8	85.4	87.3	88.3	88.8	89.3	89.8	90.3	90.8	91.3	91.8	91.8
≥ 900	2.5	54.4	69.1	75.8	80.7	81.9	85.5	87.4	88.4	88.9	89.4	89.9	90.4	90.9	91.4	91.9	91.9
≥ 800	2.5	54.5	69.7	77.0	82.0	83.2	86.8	88.9	89.9	90.4	91.0	91.5	92.0	92.5	93.0	93.5	93.5
≥ 700	2.5	54.6	70.1	77.6	82.7	83.9	87.4	89.6	90.5	91.1	91.6	92.1	92.6	93.1	93.6	94.1	94.1
≥ 600	2.5	54.9	70.4	78.0	83.0	84.3	87.6	90.1	91.1	91.6	92.2	92.7	93.2	93.7	94.2	94.7	94.7
≥ 500	2.5	54.9	70.5	78.1	83.1	84.4	87.7	90.2	91.2	91.7	92.3	92.8	93.3	93.8	94.3	94.8	94.8
≥ 400	2.5	55.1	70.6	78.5	83.2	84.5	87.9	90.4	91.4	91.9	92.5	93.0	93.5	94.0	94.5	95.0	95.0
≥ 300	2.5	55.1	70.6	78.5	83.2	84.5	87.9	90.4	91.4	91.9	92.5	93.0	93.5	94.0	94.5	95.0	95.0
≥ 200	2.5	55.1	70.6	78.5	83.2	84.5	87.9	90.4	91.4	91.9	92.5	93.0	93.5	94.0	94.5	95.0	95.0
≥ 100	2.5	55.1	70.6	78.5	83.2	84.5	87.9	90.4	91.4	91.9	92.5	93.0	93.5	94.0	94.5	95.0	95.0
≥ 0	2.5	55.1	70.6	78.5	83.2	84.5	87.9	90.4	91.4	91.9	92.5	93.0	93.5	94.0	94.5	95.0	95.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
CAFETAC
AF Weather Service/MAC

CEILING VERSUS VISIBILITY

1713 SEYMOUR-JOHNSON AFB NC

67-70, 75-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1607-1600
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	2.2	35.7	42.4	47.4	51.8	53.7	55.1	56.3	56.8	57.0	57.5	57.5	58.3	58.4	59.4	60.0
≥ 20000	2.4	37.8	44.8	50.1	54.5	56.3	57.7	59.5	59.9	60.2	60.9	60.9	61.6	61.8	62.8	63.7
≥ 18000	2.4	37.8	44.8	50.1	54.6	56.5	57.8	59.7	60.1	60.4	61.1	61.1	61.8	62.0	63.0	63.9
≥ 16000	2.4	37.8	44.8	50.1	54.6	56.5	57.8	59.7	60.1	60.4	61.1	61.1	61.8	62.0	63.0	63.9
≥ 14000	2.4	38.0	44.9	50.2	54.7	56.6	58.0	59.9	60.3	60.6	61.4	61.4	62.2	62.4	63.3	64.2
≥ 12000	2.4	38.6	45.7	51.2	56.0	57.8	59.5	61.5	62.0	62.4	63.1	63.1	63.9	64.1	65.1	65.9
≥ 10000	2.4	40.3	47.4	53.2	58.4	60.0	62.4	64.5	65.1	65.5	66.2	66.3	67.1	67.4	68.5	69.4
≥ 9000	2.4	40.4	47.6	53.5	59.7	61.2	62.8	64.9	65.5	65.9	66.7	66.8	67.5	67.8	68.9	69.8
≥ 8000	2.5	41.3	48.9	54.8	60.0	62.5	64.1	66.2	66.8	67.2	68.0	68.1	68.8	69.1	70.2	71.1
≥ 7000	2.5	41.8	49.5	55.4	60.5	63.0	64.6	66.8	67.3	67.7	68.5	68.6	69.4	69.7	70.8	71.6
≥ 6000	2.5	42.4	50.1	56.1	61.5	64.0	65.6	67.7	68.3	68.7	69.5	69.6	70.3	70.6	71.7	72.6
≥ 5000	2.5	43.8	51.8	58.0	63.4	65.9	67.5	69.7	70.4	70.9	71.6	71.7	72.5	72.8	73.9	74.7
≥ 4500	2.5	44.4	52.6	58.7	64.2	66.7	68.3	70.4	71.2	71.6	72.4	72.5	73.2	73.5	74.6	75.5
≥ 4000	2.5	45.2	53.5	60.3	65.6	68.2	69.9	72.5	73.3	73.8	74.5	74.6	75.4	75.7	76.8	77.6
≥ 3500	2.5	45.9	54.3	60.9	66.3	69.0	70.8	73.1	74.2	74.6	75.4	75.5	76.2	76.5	77.6	78.5
≥ 3000	2.5	46.7	55.7	62.0	67.7	70.3	72.0	74.4	75.5	75.9	76.7	76.8	77.5	77.8	78.9	79.8
≥ 2500	2.5	47.0	55.7	62.6	68.3	70.9	72.8	75.3	76.3	76.8	77.5	77.6	78.4	78.7	79.8	80.6
≥ 2000	2.5	48.2	57.0	64.0	69.7	72.4	74.4	76.9	78.0	78.5	79.2	79.4	80.1	80.4	81.5	82.4
≥ 1800	2.5	49.1	58.0	64.9	70.6	73.3	75.4	77.8	78.9	79.5	80.2	80.3	81.1	81.4	82.5	83.3
≥ 1500	2.5	53.4	59.4	66.5	72.5	75.4	77.5	80.0	81.1	81.6	82.4	82.5	83.2	83.5	84.6	85.5
≥ 1200	2.7	51.1	60.3	67.3	73.3	76.2	78.6	81.2	82.3	82.8	83.7	83.8	84.5	84.8	85.9	86.8
≥ 1000	2.7	51.3	60.3	67.8	74.1	77.1	79.5	82.5	83.5	84.1	85.1	85.2	85.9	86.2	87.3	88.2
≥ 900	2.7	51.8	63.9	68.8	75.3	78.4	80.8	83.8	84.8	85.5	86.5	86.6	87.3	87.6	88.7	89.6
≥ 800	2.7	52.0	61.1	69.7	76.3	79.5	81.9	84.9	86.0	86.7	87.6	87.7	88.5	88.8	89.7	90.6
≥ 700	2.7	52.0	61.5	70.5	77.4	80.5	83.0	86.0	87.1	87.7	88.7	88.8	89.6	89.9	91.0	91.9
≥ 600	2.7	52.0	61.5	70.6	77.6	80.9	83.4	86.4	87.5	88.4	89.4	89.5	90.2	90.5	91.6	92.6
≥ 500	2.7	52.0	61.7	70.9	78.3	81.6	84.4	87.5	88.7	89.7	90.6	90.8	91.6	91.9	93.0	94.0
≥ 400	2.7	52.3	61.8	71.0	78.7	82.0	85.1	88.4	89.6	91.0	92.2	92.3	93.1	93.7	94.7	95.8
≥ 300	2.7	52.3	62.0	71.3	79.0	82.4	85.7	89.6	90.8	92.3	93.7	93.8	94.8	95.4	96.5	97.6
≥ 200	2.7	52.3	62.0	71.3	79.0	82.4	85.7	89.6	90.8	92.4	93.9	94.0	95.1	95.6	96.7	97.8
≥ 100	2.7	52.3	62.0	71.3	79.0	82.4	85.7	89.6	90.8	92.4	94.0	94.1	95.2	95.9	97.1	99.6
≥ 0	2.7	52.3	62.0	71.3	79.0	82.4	85.7	89.6	90.8	92.4	94.0	94.1	95.2	95.9	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713 SEYMOUR-JOHNSON AFB LC

67-70, 73-79

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-1100
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	6.1	54.6	57.7	58.1	58.2	58.2	58.5	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1
≥ 20000	6.3	58.9	61.1	62.4	62.6	62.6	63.1	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.9	63.9
≥ 18000	6.1	59.0	61.6	62.9	63.1	63.3	63.7	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.4	64.4
≥ 16000	6.3	59.0	61.6	63.0	63.2	63.4	63.8	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.5	64.5
≥ 14000	6.0	59.4	61.9	63.3	63.5	63.8	64.1	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.8	64.8
≥ 12000	6.3	60.0	62.7	64.1	64.3	64.6	65.1	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.8	65.8
≥ 10000	6.2	64.6	67.8	69.4	69.7	70.3	70.5	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.3	71.3
≥ 9000	6.2	65.5	68.9	70.4	70.8	71.1	71.6	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.4	72.4
≥ 8000	6.2	68.4	72.0	73.5	74.0	74.3	74.8	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.6	75.6
≥ 7000	6.2	68.9	72.7	74.3	74.7	75.1	75.6	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.3	76.3
≥ 6000	6.2	75.0	73.8	75.4	75.8	76.1	76.7	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.4	77.4
≥ 5000	6.2	71.7	75.6	77.5	78.1	78.5	79.1	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.9	79.9
≥ 4500	6.2	72.0	75.9	77.8	78.4	78.8	79.5	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2
≥ 4000	6.2	73.2	77.2	79.4	80.1	80.5	81.2	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.2	82.2
≥ 3500	6.2	74.4	78.4	80.5	81.3	81.7	82.4	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.3
≥ 3000	6.2	75.5	79.7	81.8	82.6	83.1	83.6	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.7	84.7
≥ 2500	6.2	76.8	81.1	83.3	84.2	84.9	85.6	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.7	86.7
≥ 2000	6.2	77.6	82.7	84.5	85.5	86.3	87.0	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.2	88.2
≥ 1800	6.2	78.7	83.1	85.6	86.6	87.4	88.1	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.2	89.2
≥ 1500	6.2	79.6	84.3	86.8	87.7	88.7	89.4	90.3	90.5	90.5	90.6	90.6	90.6	90.8	90.9	90.9
≥ 1200	6.2	80.9	85.8	88.5	89.6	90.6	91.3	92.3	92.5	92.5	92.7	92.8	92.8	92.8	92.9	92.9
≥ 1000	6.2	81.6	87.0	89.8	91.0	92.2	92.9	94.0	94.2	94.2	94.4	94.5	94.5	94.5	94.6	94.6
≥ 900	6.2	82.2	87.8	90.9	92.0	93.2	94.0	95.1	95.3	95.5	95.6	95.6	95.6	95.6	95.7	95.7
≥ 800	6.2	82.3	88.7	91.8	93.0	94.3	95.1	96.1	96.3	96.7	96.8	96.8	96.8	96.8	96.9	96.9
≥ 700	6.2	82.8	88.7	91.8	93.1	94.4	95.3	96.3	96.7	97.0	97.1	97.1	97.1	97.1	97.2	97.2
≥ 600	6.2	82.8	89.0	92.3	93.5	94.8	95.9	97.0	97.3	97.6	97.7	97.7	97.7	97.8	98.0	98.0
≥ 500	6.2	82.8	89.0	92.3	93.7	95.2	96.2	97.4	97.7	98.2	98.3	98.3	98.4	98.4	98.5	98.5
≥ 400	6.2	82.8	89.0	92.3	93.7	95.2	96.3	97.7	98.2	98.7	98.8	98.8	98.9	98.9	99.1	99.1
≥ 300	6.2	82.8	89.0	92.3	93.7	95.2	96.3	98.1	98.5	99.0	99.2	99.2	99.2	99.4	99.6	99.6
≥ 200	6.2	82.8	89.0	92.3	93.7	95.2	96.3	98.2	98.6	99.2	99.5	99.5	99.6	99.7	100.0	100.0
≥ 100	6.2	82.8	89.0	92.3	93.7	95.2	96.3	98.2	98.6	99.2	99.5	99.5	99.6	99.7	100.0	100.0
≥ 0	6.2	82.8	89.0	92.3	93.7	95.2	96.3	98.2	98.6	99.2	99.5	99.5	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 933

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AID WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

713
STATION

SEYMCUR-JOHNSON AFB NC
STATION NAME

67-79, 73-78
YEARS

OCF
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12:00-14:00
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	7.8	63.7	64.0	64.0	64.1	64.2	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥20000	8.1	69.5	69.8	69.8	69.9	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥18000	8.1	70.1	70.4	70.4	70.5	70.6	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥16000	8.1	70.5	70.9	70.9	71.0	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥14000	8.2	71.0	71.3	71.3	71.4	71.5	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥12000	8.4	72.6	72.9	72.9	73.0	73.1	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥10000	8.6	77.2	77.6	77.6	77.7	77.8	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥9000	8.6	77.4	77.8	77.8	78.0	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥8000	8.6	79.0	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥7000	8.6	80.9	81.4	81.4	81.5	81.6	81.6	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥6000	8.6	82.2	82.7	82.8	82.9	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥5000	8.6	83.3	84.2	84.4	84.6	84.7	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥4500	8.6	84.0	84.8	85.1	85.3	85.4	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥4000	8.6	85.6	86.6	86.8	87.0	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥3500	8.6	86.8	87.7	88.0	88.2	88.3	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥3000	8.6	88.7	89.8	90.2	90.6	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥2500	8.6	89.6	90.8	91.3	92.0	92.2	92.4	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥2000	8.6	91.3	92.5	93.1	94.0	94.1	94.4	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥1800	8.6	91.7	92.9	93.5	94.4	94.5	94.8	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥1500	8.6	92.9	94.2	94.8	95.7	95.8	96.1	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥1200	8.6	94.0	95.4	96.0	96.9	97.0	97.3	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥1000	8.6	94.4	95.8	96.5	97.3	97.6	98.0	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥900	8.6	94.5	95.9	96.6	97.4	97.8	98.2	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥800	8.6	94.6	96.0	96.7	97.5	98.0	98.3	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥700	8.6	94.8	96.2	96.9	98.2	98.6	98.9	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥600	8.6	94.8	96.2	96.9	98.2	98.6	99.0	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥500	8.6	94.8	96.2	96.9	98.2	98.6	99.0	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥400	8.6	94.8	96.2	96.9	98.2	98.6	99.1	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥300	8.6	94.8	96.2	96.9	98.2	98.6	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	8.6	94.8	96.2	96.9	98.2	98.6	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	8.6	94.8	96.2	96.9	98.2	98.6	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	8.6	94.8	96.2	96.9	98.2	98.6	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

0.1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	7.1	63.7	64.1	64.2	64.4	64.4	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥20000	7.4	63.6	69.1	69.1	69.4	69.4	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥18000	7.4	63.8	69.2	69.4	69.6	69.6	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥16000	7.4	66.9	69.4	69.5	69.7	69.7	69.8	69.9	69.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥14000	7.5	70.2	70.6	70.8	71.0	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥12000	7.5	71.6	72.0	72.2	72.4	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥10000	8.0	77.1	77.7	77.8	78.1	78.1	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥9000	8.2	77.5	78.2	78.3	78.5	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥8000	8.5	81.2	81.6	81.9	82.2	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥7000	8.5	82.9	83.5	83.7	83.9	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥6000	8.5	84.2	84.8	84.9	85.2	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥5000	8.6	85.8	86.5	86.6	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥4500	8.6	86.7	87.3	87.4	87.6	87.6	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥4000	8.6	88.6	89.2	89.4	89.6	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥3500	8.8	89.2	89.5	90.0	90.3	90.4	90.5	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥3000	8.8	91.3	91.9	92.2	92.5	92.6	92.7	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥2500	8.8	92.0	92.8	93.2	93.5	93.7	93.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥2000	8.8	93.7	94.5	95.3	95.6	95.8	95.9	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥1800	8.8	93.8	94.6	95.4	95.7	95.9	96.1	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥1500	8.8	94.9	95.3	96.7	97.1	97.2	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥1200	8.9	95.4	96.3	97.1	97.4	97.6	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥1000	8.9	95.4	96.3	97.1	97.4	97.6	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥900	8.9	95.4	96.3	97.1	97.4	97.6	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥800	8.9	95.7	96.7	97.4	97.8	98.1	98.4	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥700	8.9	95.8	96.8	97.6	98.1	98.3	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥600	8.9	95.9	96.9	97.7	98.3	98.5	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥500	8.9	95.9	96.9	97.7	98.5	98.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	8.9	95.9	96.9	97.7	98.5	98.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	8.9	95.9	96.9	97.7	98.5	98.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	8.9	95.9	96.9	97.7	98.5	98.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	8.9	95.9	96.9	97.7	98.5	98.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	8.9	95.9	96.9	97.7	98.5	98.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	4.3	68.1	69.1	69.2	69.2	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 20000	5.1	71.3	72.9	72.9	72.9	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000	5.1	71.5	73.2	73.3	73.3	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 16000	5.1	71.6	73.3	73.4	73.4	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 14000	5.1	72.8	74.5	74.6	74.6	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 12000	5.1	74.2	75.9	76.0	76.0	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 10000	5.1	76.2	78.7	78.9	78.9	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 9000	5.1	77.3	79.8	80.0	80.0	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 8000	5.1	79.8	82.5	82.7	82.8	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000	5.1	81.1	83.9	84.2	84.3	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 6000	5.1	82.4	85.3	85.6	85.7	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	5.1	93.5	86.7	87.0	87.1	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4500	5.1	84.5	87.6	88.1	88.2	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4000	5.1	86.7	89.9	90.3	90.6	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	5.1	86.8	90.1	90.8	91.2	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	5.1	87.7	91.3	91.9	92.4	92.6	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	5.1	88.5	92.0	92.7	93.1	93.3	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	5.1	89.8	93.8	94.6	95.3	95.5	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	5.1	93.0	94.1	94.8	95.5	95.7	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	5.1	90.3	94.3	95.3	95.9	96.1	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	5.1	90.6	94.6	95.7	96.3	96.6	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	5.1	90.6	94.9	96.0	96.9	97.1	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	5.1	90.6	94.9	96.0	97.0	97.2	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	5.1	90.8	95.2	96.3	97.4	97.6	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	5.1	90.8	95.2	96.3	97.5	98.0	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	5.1	90.8	95.2	96.5	97.6	98.2	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	5.1	90.8	95.2	96.5	97.6	98.2	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	5.1	90.8	95.2	96.5	97.6	98.2	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	5.1	90.8	95.2	96.5	97.6	98.2	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	5.1	90.8	95.2	96.5	97.6	98.2	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	5.1	90.8	95.2	96.5	97.6	98.2	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	5.1	90.8	95.2	96.5	97.6	98.2	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYDUR-JOHNSON AFB NC
STATION NAME

67-77, 73-78
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LT)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	3.7	67.1	71.3	73.9	74.4	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 20000	3.7	69.0	73.3	76.3	76.9	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	3.7	69.0	73.3	76.3	76.9	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	3.7	69.0	73.3	76.3	76.9	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	3.7	69.9	74.2	77.2	77.7	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	3.7	70.6	75.1	78.1	78.6	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 10000	3.7	73.3	78.3	81.6	82.3	82.4	82.7	82.8	82.9	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 9000	3.7	74.3	79.4	82.8	83.4	83.5	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 8000	3.7	76.5	81.9	85.6	86.2	86.3	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 7000	3.7	77.2	82.9	86.6	87.2	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000	3.7	78.0	83.8	87.4	88.1	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 5000	3.7	78.8	84.6	88.4	89.1	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	3.7	79.4	85.4	89.4	90.1	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	3.7	80.5	86.6	90.5	91.3	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	3.7	80.5	86.7	90.6	91.6	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	3.7	81.0	87.2	91.4	92.3	92.4	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	3.7	81.4	87.7	92.2	93.0	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	3.7	82.3	88.8	93.2	94.1	94.2	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	3.7	82.5	89.1	93.7	94.5	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	3.7	82.7	89.5	94.1	94.9	95.1	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	3.7	83.0	89.9	94.6	95.6	95.7	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	3.7	83.3	90.2	95.1	96.1	96.2	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	3.7	83.5	90.5	95.5	96.6	96.7	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	3.7	83.5	90.5	95.5	96.7	97.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	3.7	83.5	90.8	95.7	97.0	97.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	3.7	83.7	91.0	95.9	97.3	97.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	3.7	83.7	91.0	95.9	97.3	97.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	3.7	83.7	91.0	95.9	97.3	97.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	3.7	83.7	91.0	95.9	97.3	97.7	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	3.7	83.7	91.0	95.9	97.3	97.7	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	3.7	83.7	91.0	95.9	97.3	97.7	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	3.7	83.7	91.0	95.9	97.3	97.7	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	4.7	56.5	60.5	62.6	64.1	64.5	65.0	65.5	65.6	65.7	65.8	65.8	66.0	66.1	66.2	66.4
≥ 20000	4.9	59.5	63.7	65.9	67.5	67.9	68.5	69.1	69.2	69.4	69.5	69.5	69.7	69.8	69.9	70.1
IV 18000	4.9	59.7	64.0	66.2	67.8	68.2	68.8	69.4	69.5	69.7	69.8	69.8	70.0	70.1	70.2	70.4
IV 16000	4.9	59.8	64.0	66.3	67.9	68.3	68.9	69.5	69.6	69.8	69.9	69.9	70.1	70.1	70.3	70.5
IV 14000	4.9	59.4	64.7	66.9	68.5	69.1	69.6	70.2	70.3	70.5	70.7	70.7	70.8	70.9	71.1	71.3
IV 12000	4.9	61.4	65.8	68.1	69.8	70.2	70.9	71.5	71.7	71.8	72.0	72.0	72.2	72.2	72.4	72.6
IV 10000	5.0	64.4	69.1	71.5	73.3	73.9	74.6	75.2	75.4	75.6	75.8	75.8	76.0	76.0	76.2	76.4
IV 9000	5.1	65.0	69.7	72.2	74.0	74.5	75.2	75.9	76.1	76.3	76.4	76.5	76.6	76.7	76.9	77.1
IV 8000	5.1	67.0	72.0	74.5	76.4	77.0	77.7	78.3	78.5	78.7	78.9	78.9	79.1	79.2	79.4	79.5
IV 7000	5.1	68.0	73.1	75.7	77.6	78.1	78.8	79.5	79.7	79.9	80.0	80.1	80.2	80.3	80.5	80.7
IV 6000	5.1	69.0	74.2	76.8	78.7	79.3	80.0	80.7	80.8	81.0	81.2	81.2	81.4	81.5	81.7	81.9
IV 5000	5.1	70.3	75.7	78.5	80.5	81.1	81.8	82.5	82.7	82.9	83.1	83.1	83.3	83.3	83.5	83.7
IV 4500	5.1	71.7	76.4	79.2	81.2	81.8	82.6	83.3	83.5	83.7	83.8	83.8	84.0	84.1	84.3	84.5
IV 4000	5.1	72.3	77.8	80.7	82.8	83.5	84.2	85.0	85.3	85.5	85.6	85.6	85.8	85.9	86.1	86.3
IV 3500	5.1	72.8	78.4	81.4	83.5	84.2	85.0	85.8	86.0	86.2	86.4	86.4	86.6	86.7	86.9	87.1
IV 3000	5.1	73.8	79.5	82.6	84.8	85.5	86.3	87.1	87.4	87.6	87.8	87.8	88.0	88.1	88.3	88.4
IV 2500	5.1	74.4	80.3	83.5	85.8	86.5	87.3	88.2	88.5	88.7	88.9	88.9	89.0	89.1	89.3	89.5
IV 2000	5.1	75.5	81.6	84.9	87.3	88.0	89.0	89.9	90.1	90.4	90.6	90.6	90.7	90.8	91.0	91.2
IV 1800	5.1	75.9	82.0	85.4	87.7	88.5	89.5	90.4	90.7	90.9	91.1	91.1	91.3	91.4	91.6	91.8
IV 1500	5.1	76.8	83.0	86.5	88.8	89.6	90.7	91.6	91.9	92.1	92.3	92.3	92.5	92.6	92.8	92.9
IV 1200	5.2	77.6	83.8	87.4	89.8	90.6	91.7	92.7	93.0	93.2	93.4	93.4	93.6	93.7	93.9	94.1
IV 1000	5.2	77.9	84.5	88.1	90.6	91.5	92.8	93.8	94.1	94.3	94.5	94.6	94.7	94.8	95.0	95.2
IV 900	5.2	78.1	84.8	88.5	91.1	92.0	93.3	94.3	94.6	94.9	95.1	95.1	95.3	95.4	95.6	95.8
IV 800	5.2	78.3	85.1	89.0	91.7	92.7	94.0	95.1	95.4	95.7	95.9	95.9	96.1	96.2	96.4	96.6
IV 700	5.2	78.4	85.3	89.3	92.1	93.1	94.5	95.6	95.9	96.2	96.4	96.4	96.6	96.7	96.9	97.1
IV 600	5.2	78.4	85.4	89.5	92.4	93.4	94.8	96.0	96.3	96.6	96.8	96.8	97.0	97.1	97.3	97.5
IV 500	5.2	78.4	85.5	89.6	92.6	93.7	95.2	96.4	96.8	97.2	97.4	97.4	97.6	97.7	97.9	98.1
IV 400	5.2	78.5	85.6	89.7	92.7	93.8	95.4	96.8	97.2	97.7	97.9	97.9	98.1	98.2	98.5	98.7
IV 300	5.2	78.5	85.6	89.7	92.8	93.9	95.6	97.2	97.6	98.1	98.4	98.4	98.7	98.8	99.0	99.2
IV 200	5.2	78.5	85.6	89.8	92.8	93.9	95.6	97.3	97.7	98.2	98.6	98.6	98.9	99.0	99.3	99.6
IV 100	5.2	78.5	85.6	89.8	92.8	93.9	95.6	97.3	97.7	98.3	98.6	98.6	98.9	99.1	99.4	99.9
IV 0	5.2	78.5	85.6	89.8	92.8	93.9	95.6	97.3	97.7	98.3	98.5	98.5	98.9	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3087-0200
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥.	≥0
NO CEILING	4.2	61.3	64.7	65.9	67.1	67.3	67.6	68.0	68.0	68.1	68.1	68.1	68.3	68.3	68.3	68.4
≥ 20000	4.2	63.4	67.0	68.2	69.6	69.6	70.0	70.4	70.4	70.4	70.6	70.6	70.6	70.8	70.8	70.9
IV 18000	4.2	63.8	67.3	68.6	69.9	70.1	70.3	70.8	70.8	70.9	70.9	70.9	71.1	71.1	71.1	71.2
IV 16000	4.2	63.9	67.4	68.7	70.0	70.2	70.4	70.9	70.9	71.0	71.0	71.0	71.2	71.2	71.2	71.3
IV 14000	4.2	64.2	67.9	69.1	70.4	70.7	70.9	71.3	71.3	71.4	71.4	71.4	71.7	71.7	71.7	71.8
IV 12000	4.2	65.3	69.2	70.4	71.8	72.0	72.2	72.7	72.7	72.8	72.8	72.8	73.0	73.0	73.0	73.1
IV 10000	4.2	66.1	70.3	71.3	72.7	72.9	73.1	73.6	73.6	73.7	73.7	73.7	73.9	73.9	73.9	74.0
IV 9000	4.2	66.3	70.4	71.9	73.2	73.4	73.7	74.1	74.1	74.2	74.2	74.2	74.4	74.4	74.4	74.6
IV 8000	4.3	68.3	72.7	74.1	75.4	75.7	75.9	76.3	76.3	76.4	76.4	76.4	76.7	76.7	76.7	76.8
IV 7000	4.3	70.3	74.8	76.2	77.6	77.8	78.0	78.4	78.4	78.6	78.6	78.6	78.8	78.8	78.8	78.9
IV 6000	4.3	71.7	76.8	78.3	79.7	79.9	80.1	80.6	80.6	80.7	80.7	80.7	80.9	80.9	80.9	81.0
IV 5000	4.4	72.6	77.8	79.4	81.1	81.3	81.6	82.0	82.1	82.2	82.2	82.2	82.4	82.4	82.4	82.6
IV 4500	4.4	72.7	78.2	79.9	81.6	81.8	82.1	82.6	82.7	82.8	82.8	82.8	83.0	83.0	83.0	83.1
IV 4000	4.4	74.2	79.8	81.3	83.7	83.9	84.3	84.8	85.0	85.1	85.1	85.1	85.3	85.3	85.3	85.4
IV 3500	4.4	74.3	79.9	82.0	83.9	84.2	84.7	85.1	85.3	85.4	85.4	85.4	85.7	85.7	85.7	85.8
IV 3000	4.4	74.8	80.3	82.9	84.8	85.1	85.7	86.1	86.3	86.4	86.4	86.4	86.7	86.7	86.7	86.8
IV 2500	4.4	75.1	80.9	83.7	85.6	85.9	86.4	86.9	87.1	87.2	87.2	87.2	87.4	87.4	87.4	87.6
IV 2000	4.4	75.7	82.2	85.2	87.1	87.4	88.0	88.4	88.7	88.8	88.8	88.8	89.0	89.0	89.0	89.1
IV 1800	4.4	75.7	82.2	85.3	87.2	87.7	88.2	88.7	88.9	89.0	89.0	89.0	89.2	89.2	89.2	89.3
IV 1500	4.4	76.0	82.7	85.9	87.8	88.2	88.8	89.2	89.4	89.6	89.6	89.6	89.8	89.8	89.8	89.9
IV 1200	4.4	76.6	83.3	86.8	88.7	89.1	89.7	90.1	90.3	90.4	90.4	90.4	90.7	90.7	90.7	90.8
IV 1000	4.4	76.7	83.4	87.1	89.1	89.6	90.1	90.6	90.8	91.0	91.0	91.0	91.2	91.2	91.2	91.3
IV 900	4.4	77.0	83.8	87.6	89.6	90.0	90.6	91.0	91.2	91.4	91.4	91.4	91.7	91.7	91.7	91.8
IV 800	4.4	77.4	84.4	88.2	90.2	90.8	91.7	92.1	92.3	92.6	92.6	92.6	92.8	92.8	92.8	92.9
IV 700	4.4	77.4	84.4	88.4	90.4	91.0	92.0	92.4	92.7	92.9	92.9	92.9	93.1	93.1	93.1	93.2
IV 600	4.4	77.6	84.8	88.8	90.8	91.3	92.4	92.9	93.1	93.3	93.3	93.3	93.6	93.6	93.6	93.7
IV 500	4.4	77.7	84.9	89.1	91.4	92.0	93.4	93.9	94.1	94.4	94.4	94.4	94.7	94.7	94.7	94.8
IV 400	4.4	77.7	84.9	89.8	92.3	92.9	94.6	95.4	95.7	96.0	96.0	96.0	96.3	96.3	96.3	96.4
IV 300	4.4	77.7	84.9	89.9	92.4	93.2	95.0	96.8	97.1	97.4	97.6	97.6	97.8	97.8	97.8	97.9
IV 200	4.4	77.7	84.9	89.9	92.4	93.2	95.3	97.1	97.6	97.9	98.6	98.6	98.6	98.6	98.6	98.6
IV 100	4.4	77.7	84.9	89.9	92.4	93.2	95.3	97.1	97.6	97.9	98.6	98.6	98.6	98.6	98.6	98.6
IV 0	4.4	77.7	84.9	89.9	92.4	93.2	95.3	97.1	97.6	97.9	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SELYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-1500
HOURS (LT)

CEILING (FEET)	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	3.3	54.6	61.6	64.7	67.2	67.4	68.2	68.9	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.5
≥ 20000	3.8	55.1	62.4	65.7	68.3	68.6	69.3	70.0	70.0	70.2	70.2	70.2	70.3	70.3	70.3	70.9
IV 18000	3.3	55.4	62.8	66.1	68.8	69.1	69.8	70.4	70.4	70.7	70.7	70.7	70.8	70.8	70.8	71.3
IV 16000	3.3	55.4	62.8	66.1	68.8	69.1	69.8	70.4	70.4	70.7	70.7	70.7	70.8	70.8	70.8	71.3
IV 14000	3.3	55.9	63.2	66.6	69.2	69.4	70.2	70.9	70.9	71.1	71.1	71.1	71.2	71.2	71.2	71.8
IV 12000	3.3	57.2	64.7	68.0	70.7	71.0	71.8	72.4	72.4	72.7	72.7	72.7	72.8	72.8	72.8	73.3
IV 10000	3.3	58.7	66.1	69.4	72.1	72.4	73.2	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.9
IV 9000	3.3	59.1	66.9	70.2	72.9	73.2	74.0	74.7	74.7	74.9	74.9	74.9	75.0	75.0	75.0	75.6
IV 8000	3.3	61.3	68.6	72.0	74.8	75.1	75.9	76.6	76.6	76.8	76.8	76.8	76.9	76.9	76.9	77.4
IV 7000	3.3	61.2	69.4	72.9	75.7	76.3	76.8	77.4	77.4	77.7	77.7	77.7	77.8	77.8	77.8	78.3
IV 6000	3.3	62.0	70.6	74.0	76.8	77.1	77.9	78.6	78.6	78.8	78.8	78.8	78.9	78.9	78.9	79.4
IV 5000	3.3	62.4	71.0	74.6	77.6	77.9	78.8	79.6	79.6	79.8	79.8	79.8	79.9	79.9	79.9	80.4
IV 4500	3.3	63.0	71.7	75.2	78.4	78.8	79.7	80.4	80.4	80.7	80.7	80.7	80.8	80.8	80.8	81.3
IV 4000	3.3	64.1	73.1	76.7	80.0	80.3	81.2	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.4	83.0
IV 3500	3.3	64.3	73.4	77.0	80.3	80.7	81.6	82.4	82.4	82.7	82.7	82.7	82.8	82.8	82.8	83.3
IV 3000	3.3	64.8	74.0	77.6	80.9	81.2	82.1	83.0	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.9
IV 2500	3.3	65.2	74.4	78.2	81.7	82.0	83.0	83.9	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.8
IV 2000	3.3	65.6	75.7	79.2	83.0	83.3	84.3	85.2	85.2	85.4	85.4	85.4	85.6	85.6	85.6	86.1
IV 1800	3.3	65.9	75.9	79.6	83.3	83.7	84.7	85.7	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.6
IV 1500	3.3	66.4	76.3	80.3	84.2	84.7	85.7	86.7	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.6
IV 1200	3.3	67.0	76.7	81.1	85.3	85.8	86.8	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.7
IV 1000	3.3	67.0	76.9	81.4	85.7	86.1	87.1	88.2	88.2	88.4	88.4	88.4	88.6	88.6	88.6	89.1
IV 900	3.3	67.1	77.0	81.6	85.8	86.2	87.2	88.3	88.3	88.6	88.6	88.6	88.7	88.7	88.7	89.2
IV 800	3.3	67.7	77.7	82.6	86.9	87.4	88.8	89.9	89.9	90.2	90.2	90.2	90.3	90.3	90.3	90.9
IV 700	3.3	67.8	78.0	82.9	87.2	87.8	89.2	90.4	90.4	90.8	90.8	90.8	90.9	90.9	90.9	91.4
IV 600	3.3	68.0	78.2	83.3	87.8	88.3	89.8	91.1	91.1	91.4	91.4	91.4	91.6	91.6	91.6	92.1
IV 500	3.3	68.1	78.6	84.1	89.0	89.6	91.3	92.9	92.9	93.2	93.2	93.2	93.3	93.3	93.3	93.9
IV 400	3.3	68.1	78.7	84.2	89.6	90.1	92.0	93.6	93.6	93.9	93.9	93.9	94.0	94.0	94.0	94.6
IV 300	3.3	68.2	78.8	84.4	90.1	90.7	92.8	94.8	94.8	95.2	95.2	95.2	95.3	95.3	95.3	95.9
IV 200	3.3	68.2	78.8	84.4	90.1	90.7	92.8	95.0	95.0	95.6	95.6	95.6	95.9	96.1	96.6	97.3
IV 100	3.3	68.2	78.8	84.4	90.1	90.7	92.8	95.0	95.0	95.7	95.8	95.8	96.7	97.0	98.3	99.7
IV 0	3.3	68.2	78.8	84.4	90.1	90.7	92.8	95.0	95.0	95.7	95.8	95.8	96.7	97.0	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 903

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/44C

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-7874
HOURS (EST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	3.4	46.2	51.8	55.0	58.4	59.7	61.2	62.6	62.6	63.1	63.6	63.6	63.8	63.9	64.1	64.1
≥2500	3.4	46.8	54.8	58.1	61.8	63.2	65.0	66.3	66.3	66.9	67.3	67.3	67.6	67.7	67.8	68.0
≥18000	3.4	49.2	55.2	58.6	62.2	63.7	65.4	66.8	66.8	67.3	67.8	67.8	68.0	68.1	68.2	68.4
≥16000	3.4	49.6	55.6	58.9	62.6	64.1	65.8	67.1	67.1	67.8	68.2	68.2	68.4	68.6	68.7	68.9
≥14000	3.4	49.7	56.1	59.4	63.2	64.7	66.4	67.8	67.8	68.4	68.9	68.9	69.1	69.2	69.3	69.6
≥12000	3.4	50.6	57.1	60.8	64.8	66.2	68.0	69.3	69.3	70.0	70.4	70.4	70.7	70.8	70.9	71.2
≥10000	3.4	52.8	59.4	63.1	67.2	68.7	70.4	71.8	71.8	72.4	72.9	72.9	73.1	73.2	73.3	73.7
≥9000	3.4	53.1	59.8	63.4	67.7	69.1	70.9	72.2	72.2	72.9	73.3	73.3	73.6	73.7	73.8	74.1
≥8000	3.4	56.2	63.1	66.8	71.2	72.8	74.6	76.0	76.0	76.7	77.1	77.1	77.3	77.4	77.6	77.9
≥7000	3.4	57.6	64.6	68.3	72.9	74.4	76.2	77.7	77.7	78.3	78.8	78.8	79.2	79.1	79.2	79.6
≥6000	3.4	58.0	65.2	69.1	73.9	75.4	77.2	78.7	78.7	79.3	79.9	79.9	80.1	80.2	80.3	80.7
≥5000	3.4	58.4	65.9	69.8	74.6	76.1	77.9	79.4	79.4	80.1	80.7	80.7	80.9	81.0	81.1	81.4
≥4500	3.4	58.8	66.2	70.1	74.9	76.4	78.2	79.8	79.8	80.6	81.1	81.1	81.3	81.4	81.6	81.9
≥4000	3.4	59.6	67.2	71.1	75.9	77.4	79.2	80.8	80.8	81.6	82.1	82.1	82.3	82.4	82.6	82.9
≥3500	3.4	59.8	67.2	71.1	76.0	77.6	79.3	80.9	80.9	81.7	82.2	82.2	82.4	82.5	82.7	83.0
≥3000	3.4	60.2	68.1	72.0	77.0	78.6	80.3	82.0	82.0	82.8	83.3	83.3	83.6	83.7	83.8	84.1
≥2500	3.4	60.6	68.4	72.6	77.8	79.4	81.2	83.0	83.0	83.8	84.3	84.3	84.6	84.7	84.8	85.1
≥2000	3.4	60.7	68.6	73.0	78.2	80.0	82.0	83.9	83.9	84.7	85.2	85.2	85.4	85.6	85.7	86.0
≥1800	3.4	60.7	68.7	73.1	78.3	80.1	82.1	84.1	84.1	84.9	85.4	85.4	85.7	85.8	85.9	86.2
≥1500	3.4	60.9	68.9	73.3	78.7	80.4	82.4	84.6	84.7	85.4	86.0	86.0	86.2	86.3	86.4	86.8
≥1200	3.6	61.6	69.6	74.0	79.3	81.1	83.2	85.3	85.4	86.2	86.8	86.8	87.0	87.1	87.2	87.6
≥1000	3.6	61.8	69.8	74.8	80.3	82.1	84.2	86.4	86.6	87.3	87.9	87.9	88.1	88.2	88.3	88.7
≥900	3.6	62.2	70.2	75.3	80.5	82.7	84.8	87.0	87.1	87.9	88.4	88.4	88.7	88.8	88.9	89.2
≥800	3.6	62.7	71.0	76.3	82.0	83.8	86.1	88.4	88.7	89.4	90.1	90.1	90.3	90.4	90.6	90.9
≥700	3.6	62.7	71.3	76.7	82.7	84.6	86.9	89.3	89.6	90.3	91.0	91.0	91.2	91.3	91.4	91.8
≥600	3.6	62.7	71.3	76.8	82.8	84.7	87.0	89.4	89.7	90.6	91.2	91.2	91.4	91.6	91.7	92.0
≥500	3.6	62.8	71.8	77.3	83.5	85.6	88.3	90.9	91.1	92.1	93.0	93.0	93.2	93.3	93.4	93.8
≥400	3.6	62.8	71.8	77.4	84.0	86.0	89.0	91.9	92.1	93.2	94.1	94.1	94.3	94.4	94.6	94.9
≥300	3.6	62.8	71.8	77.6	84.2	86.3	89.6	92.6	92.8	94.2	95.6	95.6	95.9	96.1	96.3	96.7
≥200	3.6	62.8	71.8	77.6	84.3	86.6	89.8	93.2	93.6	95.1	96.6	96.6	96.9	97.2	97.4	98.7
≥100	3.6	62.8	71.8	77.6	84.3	86.6	89.8	93.2	93.6	95.1	96.8	96.8	97.2	97.8	98.2	99.6
≥0	3.6	62.8	71.8	77.6	84.3	86.6	89.8	93.2	93.6	95.1	96.8	96.8	97.2	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1715 SEYMOUR-JOHNSON AFB NC

67-70, 73-78

NCV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	7.3	56.5	59.3	61.5	61.6	61.7	61.8	61.8	61.8	62.0	62.1	62.0	62.0	62.0	62.0	62.0
≥ 20000	7.7	59.1	62.6	64.3	65.1	65.2	65.3	65.3	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 18000	7.7	59.3	62.8	64.6	65.3	65.4	65.6	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 16000	7.7	59.9	63.4	65.2	66.1	66.3	66.4	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 14000	7.7	61.1	64.8	66.7	67.6	67.8	67.9	67.9	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 12000	7.7	63.4	67.2	69.7	70.1	70.4	70.6	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 10000	7.8	65.1	68.9	70.9	71.8	72.1	72.2	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 9000	7.8	65.4	69.7	71.2	72.2	72.6	72.7	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 8000	7.8	69.8	74.1	76.2	77.3	77.7	77.8	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 7000	7.8	71.3	75.8	77.9	79.0	79.3	79.4	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 6000	7.8	72.6	77.7	79.1	80.4	80.8	80.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 5000	7.8	73.7	77.7	81.3	81.4	81.9	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 4500	7.8	75.4	78.1	80.4	81.9	82.3	82.4	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 4000	7.8	74.5	79.2	81.6	83.0	83.4	83.6	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 3500	7.8	74.7	79.4	81.9	83.4	83.9	84.0	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 3000	7.8	75.2	80.0	82.6	84.2	84.7	84.8	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 2500	7.8	75.6	80.3	83.0	84.8	85.2	85.3	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 2000	7.8	76.0	81.0	83.7	85.7	86.1	86.3	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 1800	7.8	75.1	81.1	83.8	85.8	86.2	86.4	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 1500	7.8	77.2	82.5	85.4	87.6	88.0	88.2	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 1200	7.8	77.8	83.1	86.1	88.2	88.7	88.9	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 1000	7.8	78.6	84.0	87.0	89.2	89.7	89.9	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 900	7.8	79.0	84.4	87.4	89.7	90.1	90.3	91.0	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 800	7.8	80.0	85.6	88.6	90.8	91.6	91.8	92.4	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 700	7.8	80.2	85.9	89.0	91.4	92.2	92.4	93.1	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 600	7.8	80.5	86.2	89.4	92.2	93.1	93.6	94.3	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 500	7.8	80.7	86.4	89.9	93.2	94.3	95.0	95.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 400	7.8	80.8	86.6	90.2	93.9	95.4	96.1	97.1	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 300	7.8	80.9	86.9	90.6	94.7	96.2	96.9	98.3	98.4	99.2	99.2	99.3	99.3	99.3	99.3	99.3
IV 200	7.8	80.9	86.9	90.6	94.7	96.2	97.0	98.4	98.6	99.3	99.3	99.4	99.4	99.4	99.4	99.4
IV 100	7.8	80.9	86.9	90.6	94.7	96.2	97.0	98.4	98.6	99.3	99.3	99.4	99.4	99.4	99.4	99.4
IV 0	7.8	80.9	86.9	90.6	94.7	96.2	97.0	98.4	98.6	99.3	99.3	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/1AC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-74
YEARS

NCV
LOC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
LOCAL TIME

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	9.7	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥20000	9.7	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
18000	9.7	66.3	67.3	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
16000	9.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
14000	9.7	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
12000	9.3	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
10000	10.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
9000	10.0	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
8000	10.0	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
7000	10.1	79.3	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
6000	10.2	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
5000	10.3	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
4500	10.2	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
4000	10.4	83.7	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
3500	10.4	84.1	84.8	85.1	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
3000	10.4	85.3	86.7	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
2500	10.4	86.2	87.3	87.8	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
2000	10.4	87.6	88.8	89.3	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
1800	10.4	88.1	89.3	89.9	90.3	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
1500	10.4	90.3	91.6	92.3	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1200	10.4	91.2	92.9	93.7	94.3	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1000	10.4	91.6	93.2	94.1	94.8	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
900	10.4	92.2	93.9	94.9	95.6	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
800	10.4	92.7	94.4	95.6	96.2	96.4	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
700	10.4	92.7	94.4	95.6	96.2	96.4	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
600	10.4	92.8	94.7	95.8	96.4	96.7	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
500	10.4	93.2	95.0	96.2	97.4	97.8	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400	10.4	93.2	95.0	96.2	97.4	97.8	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
300	10.4	93.2	95.0	96.2	97.4	97.8	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200	10.4	93.2	95.0	96.2	97.4	97.8	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100	10.4	93.2	95.0	96.2	97.4	97.8	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	10.4	93.2	95.0	96.2	97.4	97.8	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

61-70, 73-78
YEAR

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1510-1700
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	8.2	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 20000	9.2	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 18000	9.9	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 16000	9.9	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 14000	9.9	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 12000	9.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 10000	10.1	73.1	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 9000	10.3	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 8000	10.3	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 7000	10.3	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	10.3	81.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	10.3	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4500	10.3	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	11.0	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3500	11.1	87.4	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	11.1	88.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	11.1	89.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	11.1	89.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1800	11.1	89.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	11.1	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	11.1	91.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	11.2	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	11.2	92.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 800	11.2	92.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	11.2	93.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600	11.2	93.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 500	11.2	93.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 400	11.2	93.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 300	11.2	93.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 200	11.2	93.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 100	11.2	93.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 0	11.2	93.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1

TOTAL NUMBER OF OBSERVATIONS 960

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713 SEYMOUR-JOHNSON AFB NC

67-70, 73-76

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1967-2007
HOURLY

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥0
NO CEILING	6.4	65.8	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8
≥20000	6.7	68.7	69.3	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7
≥18000	6.3	69.1	69.8	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1
≥16000	6.3	69.2	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2
≥14000	6.9	69.8	70.7	70.8	70.8	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
≥12000	6.9	70.9	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1
≥10000	7.1	73.8	74.7	74.8	74.8	74.8	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0
≥9000	7.1	75.7	76.6	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
≥8000	7.3	79.0	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
≥7000	7.3	81.7	81.7	81.8	81.8	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0
≥6000	7.3	81.7	82.7	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥5000	7.3	82.3	83.3	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥4500	7.4	82.8	83.8	84.1	84.1	84.1	84.2	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥4000	7.4	84.3	86.1	86.9	86.9	86.9	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
≥3500	7.4	85.3	86.8	87.7	87.7	87.7	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
≥3000	7.4	86.0	87.5	88.6	88.6	88.6	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥2500	7.4	86.6	88.7	89.2	89.2	89.3	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥2000	7.4	87.1	89.7	90.1	90.1	90.2	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥1800	7.4	87.2	89.2	90.4	90.4	90.6	91.2	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6
≥1500	7.4	87.8	90.1	91.4	91.4	91.6	92.2	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
≥1200	7.4	88.3	90.9	92.3	92.6	92.7	93.3	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥1000	7.4	88.9	91.6	93.0	93.9	94.7	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥900	7.4	88.9	91.7	94.0	94.7	94.8	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥800	7.4	89.3	92.4	94.8	95.6	95.9	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥700	7.4	89.3	92.7	95.0	95.8	96.1	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥600	7.4	89.3	92.7	95.0	95.8	96.2	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥500	7.4	89.3	92.7	95.1	95.9	96.3	97.2	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥400	7.4	89.3	92.7	95.1	95.9	96.3	97.4	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥300	7.4	89.3	92.7	95.2	96.0	96.6	97.9	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4
≥200	7.4	89.3	92.7	95.2	96.0	96.6	98.0	99.0	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0
≥100	7.4	89.3	92.7	95.2	96.0	96.6	98.0	99.0	99.3	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥0	7.4	89.3	92.7	95.2	96.0	96.6	98.0	99.0	99.3	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-77, 73-76
YEARS

NGV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2103-2300
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	5.2	64.3	67.1	67.9	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 20000	5.2	67.2	70.2	71.1	71.6	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 18000	5.2	67.7	71.7	71.6	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 16000	5.2	67.8	71.8	71.7	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 14000	5.2	68.2	71.2	72.1	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 12000	5.2	68.9	71.9	72.8	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 10000	5.4	71.0	74.2	75.1	75.6	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 9000	5.4	71.8	75.7	75.9	76.3	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 8000	5.8	74.7	78.7	78.9	79.3	79.3	79.3	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 7000	5.8	76.4	79.8	81.7	81.1	81.1	81.1	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 6000	5.8	77.9	81.4	82.4	82.9	82.9	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 5000	5.8	78.9	82.7	83.7	84.1	84.1	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 4500	5.8	79.1	82.7	83.9	84.3	84.3	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 4000	5.8	80.8	84.9	86.2	87.0	87.0	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 3500	5.8	81.2	85.0	86.3	87.1	87.1	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 3000	5.8	81.2	85.4	86.9	87.7	87.7	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 2500	5.8	81.3	85.7	87.2	88.0	88.0	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 2000	5.8	81.8	86.6	88.2	89.0	89.1	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1800	5.8	81.9	86.9	88.7	89.4	89.6	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1500	5.8	82.4	87.4	89.2	90.2	90.3	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1200	5.8	83.0	88.4	90.4	91.4	91.6	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1000	5.8	83.0	88.6	90.8	92.1	92.2	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 900	5.8	83.1	88.9	91.1	92.6	92.7	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 800	5.8	83.7	89.9	92.4	94.1	94.2	94.7	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 700	5.8	83.9	90.2	92.9	94.6	94.7	95.1	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 600	5.8	84.0	90.3	93.1	95.1	95.3	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 500	5.8	84.0	90.3	93.2	95.6	95.8	96.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 400	5.8	84.0	90.3	93.3	95.7	96.0	96.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 300	5.8	84.0	90.3	93.4	95.8	96.1	97.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 200	5.8	84.0	90.3	93.4	95.8	96.1	97.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 100	5.8	84.0	90.3	93.4	95.8	96.1	97.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 0	5.8	84.0	90.3	93.4	95.8	96.1	97.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-71, 73-76
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (24)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	6.1	59.1	62.1	63.3	64.3	64.5	64.9	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.6	65.7
≥ 20000	6.3	62.1	65.2	66.5	67.6	67.9	68.2	68.6	68.6	68.7	68.8	68.8	68.9	68.9	69.0	69.1
≥ 18000	6.3	62.5	65.6	66.9	68.0	68.3	68.6	69.0	69.0	69.1	69.2	69.2	69.3	69.3	69.3	69.5
≥ 16000	6.3	62.7	65.8	67.1	68.3	68.5	68.9	69.2	69.2	69.4	69.5	69.5	69.5	69.6	69.6	69.7
≥ 14000	6.3	63.4	66.6	67.9	69.1	69.3	69.7	70.1	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.6
≥ 12000	6.4	64.8	68.1	69.5	70.6	70.9	71.3	71.6	71.6	71.8	71.9	71.9	71.9	72.0	72.0	72.2
≥ 10000	6.5	66.8	70.1	71.5	72.7	73.3	73.3	73.7	73.7	73.8	73.9	73.9	74.0	74.0	74.1	74.2
≥ 9000	6.5	67.5	70.9	72.4	73.6	73.9	74.2	74.6	74.6	74.8	74.8	74.8	74.9	74.9	75.0	75.1
≥ 8000	6.6	70.5	74.1	75.6	76.9	77.2	77.6	77.9	77.9	78.1	78.2	78.2	78.2	78.3	78.3	78.5
≥ 7000	6.6	72.2	75.8	77.3	78.6	78.9	79.3	79.7	79.7	79.8	79.9	79.9	80.0	80.0	80.1	80.2
≥ 6000	6.6	73.2	77.0	78.5	79.9	80.2	80.6	81.0	81.0	81.1	81.2	81.2	81.3	81.3	81.4	81.5
≥ 5000	6.6	74.1	77.9	79.5	80.9	81.3	81.7	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.5	82.6
≥ 4500	6.7	74.3	78.3	79.9	81.4	81.7	82.2	82.6	82.6	82.8	82.9	82.9	82.9	83.0	83.0	83.2
≥ 4000	6.8	76.0	80.1	81.9	83.4	83.7	84.2	84.7	84.7	84.9	84.9	84.9	85.0	85.0	85.1	85.2
≥ 3500	6.8	76.3	80.6	82.4	84.0	84.3	84.8	85.3	85.3	85.5	85.6	85.6	85.6	85.7	85.7	85.9
≥ 3000	6.8	77.0	81.4	83.4	85.0	85.4	85.9	86.4	86.4	86.6	86.7	86.7	86.7	86.8	86.8	87.0
≥ 2500	6.8	77.5	81.9	84.0	85.7	86.1	86.7	87.2	87.2	87.4	87.5	87.5	87.6	87.6	87.6	87.8
≥ 2000	6.8	78.0	82.7	85.3	86.8	87.2	87.8	88.4	88.4	88.6	88.7	88.7	88.7	88.8	88.8	88.9
≥ 1800	6.8	78.2	83.3	85.2	87.0	87.5	88.1	88.7	88.7	88.9	89.0	89.0	89.0	89.1	89.1	89.3
≥ 1500	6.8	79.3	84.0	86.3	88.3	88.7	89.3	90.0	90.1	90.3	90.3	90.3	90.4	90.4	90.5	90.6
≥ 1200	6.8	79.7	84.7	87.2	89.3	89.7	90.4	91.1	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.7
≥ 1000	6.8	80.0	85.1	87.5	90.0	90.5	91.2	91.9	91.9	92.1	92.2	92.2	92.3	92.3	92.4	92.5
≥ 900	6.8	80.3	85.4	88.3	91.5	91.0	91.7	92.4	92.4	92.6	92.7	92.7	92.8	92.8	92.9	93.0
≥ 800	6.8	80.8	86.2	89.1	91.4	92.1	92.9	93.7	93.7	93.9	94.0	94.0	94.1	94.1	94.2	94.3
≥ 700	6.8	80.9	86.4	89.4	91.8	92.4	93.3	94.1	94.2	94.4	94.5	94.5	94.6	94.6	94.7	94.8
≥ 600	6.8	81.1	86.6	89.7	92.2	92.8	93.8	94.7	94.7	95.0	95.1	95.1	95.2	95.2	95.3	95.4
≥ 500	6.8	81.2	86.8	90.1	93.0	93.6	94.8	95.9	96.0	96.3	96.4	96.4	96.5	96.6	96.6	96.8
≥ 400	6.8	81.2	86.9	90.3	93.3	94.0	95.3	96.5	96.7	97.0	97.2	97.2	97.3	97.3	97.4	97.5
≥ 300	6.8	81.2	86.9	90.4	93.5	94.3	95.8	97.3	97.5	97.9	98.1	98.2	98.3	98.3	98.4	98.6
≥ 200	6.8	81.2	86.9	90.4	93.4	94.4	95.9	97.5	97.7	98.2	98.6	98.6	98.8	98.9	99.1	99.4
≥ 100	6.8	81.3	86.9	90.4	93.6	94.4	95.9	97.5	97.7	98.3	98.6	98.7	99.0	99.1	99.5	99.9
≥ 0	6.8	81.2	86.9	90.4	93.6	94.4	95.9	97.5	97.7	98.3	98.6	98.7	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

17713 STATION SEYMOUR-JOHNSON AFB MO

67-73, 73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2400
AS OF 1971

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.15	≥.10	≥.05	≥0
NO CEILING	5.7	59.4	61.6	62.7	62.8	62.9	63.0	63.1	63.2	63.4	63.7	63.7	63.8	63.9	63.9	64.0
≥ 20000	5.9	61.4	63.7	64.7	64.8	64.9	65.1	65.2	65.3	65.5	65.7	65.7	65.9	66.0	66.0	66.1
IV 18000	5.9	61.8	64.1	65.2	65.3	65.4	65.5	65.6	65.7	65.9	66.1	66.1	66.3	66.5	66.5	66.6
IV 16000	5.7	61.9	64.2	65.3	65.4	65.5	65.6	65.7	65.8	66.0	66.2	66.2	66.5	66.6	66.6	66.7
IV 14000	5.9	63.0	65.3	66.3	66.5	66.6	66.7	66.8	66.9	67.1	67.3	67.3	67.5	67.6	67.6	67.7
IV 12000	6.0	64.3	66.6	67.6	67.8	68.0	68.1	68.2	68.3	68.5	68.7	68.7	68.9	69.0	69.0	69.1
IV 10000	6.1	67.1	69.4	70.5	70.9	71.0	71.1	71.2	71.3	71.5	71.7	71.7	71.9	72.0	72.0	72.2
IV 9000	6.1	68.3	70.5	71.7	72.0	72.2	72.3	72.4	72.5	72.7	72.9	72.9	73.1	73.2	73.2	73.3
IV 8000	6.2	70.1	72.4	73.5	74.1	74.2	74.3	74.4	74.5	74.7	74.9	74.9	75.2	75.3	75.3	75.4
IV 7000	6.3	70.9	73.2	74.4	74.9	75.1	75.2	75.3	75.4	75.6	75.8	75.8	76.0	76.1	76.1	76.2
IV 6000	6.3	72.6	74.9	76.3	77.2	77.3	77.4	77.5	77.6	77.8	78.1	78.1	78.3	78.4	78.4	78.5
IV 5000	6.3	73.7	76.1	77.5	78.4	78.5	78.6	78.7	78.8	79.0	79.5	79.5	79.7	79.8	79.8	79.9
≥ 4500	6.3	73.8	76.2	77.6	78.5	78.6	78.7	78.8	78.9	79.1	79.6	79.6	79.8	79.9	79.9	80.0
IV 4000	6.3	75.4	78.0	79.5	80.5	80.6	80.8	80.9	81.0	81.2	81.6	81.6	81.8	81.9	81.9	82.0
IV 3500	6.5	76.1	78.9	80.4	81.5	81.6	81.7	81.8	81.9	82.2	82.6	82.6	82.8	82.9	82.9	83.0
IV 3000	6.6	77.1	80.0	81.6	82.7	82.9	83.0	83.1	83.2	83.4	83.9	83.9	84.1	84.2	84.2	84.3
IV 2500	6.6	78.1	81.0	83.0	84.5	84.9	84.9	85.1	85.2	85.4	85.8	85.8	86.0	86.1	86.1	86.2
IV 2000	6.6	78.2	81.3	83.4	85.1	85.5	85.8	85.9	86.0	86.2	86.7	86.7	86.9	87.0	87.0	87.1
IV 1800	6.6	78.5	81.6	83.8	85.4	85.8	86.1	86.2	86.3	86.6	87.0	87.0	87.2	87.3	87.3	87.4
IV 1500	6.6	79.0	82.4	84.5	86.2	86.7	87.1	87.2	87.3	87.5	88.0	88.0	88.2	88.3	88.3	88.4
IV 1200	6.6	79.8	83.1	85.3	87.2	87.6	88.1	88.2	88.3	88.5	88.9	88.9	89.1	89.2	89.2	89.4
IV 1000	6.6	80.1	83.4	85.7	87.8	88.3	88.7	88.9	89.0	89.2	89.7	89.7	89.9	90.0	90.0	90.1
IV 900	6.6	80.2	83.5	85.8	88.1	88.7	89.1	89.5	89.6	89.8	90.2	90.2	90.4	90.5	90.5	90.6
IV 800	6.7	80.9	84.2	86.5	88.8	89.0	90.1	90.4	90.5	90.8	91.2	91.2	91.4	91.5	91.5	91.6
IV 700	6.8	81.2	84.5	87.1	89.7	90.4	91.1	91.4	91.5	91.7	92.2	92.2	92.4	92.5	92.5	92.6
IV 600	6.8	81.3	85.1	88.3	90.8	91.5	92.2	92.5	92.6	92.8	93.2	93.2	93.4	93.5	93.5	93.7
IV 500	6.8	81.3	85.1	88.1	90.9	91.8	92.6	93.0	93.1	93.3	93.8	93.8	94.0	94.1	94.1	94.2
IV 400	6.8	81.3	85.1	88.1	91.2	92.4	93.5	94.3	94.4	94.8	95.3	95.3	95.5	95.6	95.6	95.7
IV 300	6.8	81.3	85.1	88.1	91.3	92.6	94.1	95.2	95.4	96.0	96.9	96.9	97.1	97.2	97.3	97.4
IV 200	6.8	81.3	85.1	88.1	91.3	92.6	94.1	95.3	95.6	96.3	97.4	97.5	97.7	98.3	98.6	98.8
IV 100	6.8	81.3	85.1	88.1	91.3	92.6	94.1	95.4	95.7	96.5	97.5	97.6	97.8	98.5	99.1	99.6
IV 0	6.8	81.3	85.1	88.1	91.3	92.6	94.1	95.4	95.7	96.5	97.5	97.6	98.3	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-76
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3370-3500
HOURS 1ST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	3.4	55.1	57.1	58.6	59.2	59.5	59.7	60.3	60.5	60.5	60.8	60.8	60.9	61.1	61.3	61.4
≥ 20000	3.7	56.7	58.7	60.3	61.0	61.2	61.4	62.0	62.3	62.3	62.5	62.5	62.6	62.7	63.1	63.2
IV 18000	3.7	56.7	58.7	60.3	61.0	61.2	61.4	62.0	62.3	62.3	62.5	62.5	62.6	62.7	63.1	63.2
IV 16000	3.7	57.1	59.1	60.8	61.4	61.6	61.8	62.5	62.7	62.7	62.9	62.9	63.0	63.1	63.5	63.7
IV 14000	3.7	58.7	60.8	62.4	63.3	63.2	63.4	64.1	64.3	64.3	64.5	64.5	64.6	64.7	65.2	65.3
IV 12000	3.7	59.8	61.8	63.4	64.2	64.4	64.6	65.3	65.4	65.5	65.7	65.7	65.8	65.9	66.3	66.6
IV 10000	3.9	62.7	64.7	66.3	67.1	67.3	67.5	68.2	68.4	68.4	68.7	68.7	68.8	68.9	69.4	69.6
IV 9000	4.0	64.1	66.1	67.7	68.5	68.7	68.9	69.6	69.8	69.8	70.1	70.1	70.2	70.3	70.8	71.0
IV 8000	4.1	66.6	68.8	70.6	71.4	71.6	71.8	72.5	72.8	72.8	73.2	73.2	73.3	73.4	73.9	74.1
IV 7000	4.3	67.4	69.6	71.6	72.5	72.7	72.9	73.5	73.9	73.9	74.3	74.3	74.4	74.5	74.9	75.2
IV 6000	4.3	68.2	70.8	72.6	73.7	73.9	74.1	74.7	75.1	75.1	75.5	75.5	75.6	75.7	76.1	76.3
IV 5000	4.3	69.4	72.3	74.2	75.3	75.6	75.9	76.4	76.9	76.9	77.3	77.3	77.4	77.5	78.1	78.3
IV 4500	4.3	69.8	72.5	74.5	75.6	75.9	76.2	76.9	77.2	77.2	77.5	77.6	77.7	77.8	78.4	78.6
IV 4000	4.4	70.9	74.1	76.2	77.3	77.6	78.0	78.6	78.9	78.9	79.4	79.4	79.5	79.6	80.1	80.3
IV 3500	4.5	71.3	74.5	76.7	77.8	78.2	78.5	79.1	79.5	79.5	79.9	79.9	80.0	80.1	80.6	80.9
IV 3000	4.5	72.0	75.4	77.6	78.8	79.2	79.6	80.2	80.5	80.5	81.0	81.0	81.1	81.2	81.7	81.9
IV 2500	4.6	73.3	76.6	79.1	80.6	81.1	81.4	82.0	82.4	82.4	82.8	82.8	82.9	83.0	83.5	83.8
IV 2000	4.6	73.9	77.5	80.1	81.8	82.3	82.8	83.4	83.8	83.8	84.2	84.2	84.3	84.5	85.1	85.4
IV 1800	4.6	74.6	77.6	80.2	81.9	82.4	82.9	83.5	83.9	83.9	84.3	84.3	84.4	84.6	85.2	85.5
IV 1500	4.6	75.2	78.8	81.4	83.2	83.7	84.2	84.8	85.2	85.2	85.6	85.6	85.7	85.9	86.5	86.8
IV 1200	4.7	76.6	80.2	83.0	84.9	85.4	86.0	86.7	87.0	87.0	87.4	87.4	87.5	87.7	88.3	88.6
IV 1000	4.8	77.1	80.9	84.1	86.0	86.5	87.1	87.7	88.1	88.1	88.5	88.5	88.6	88.8	89.4	89.7
IV 900	4.8	77.1	80.9	84.2	86.2	86.8	87.4	88.1	88.4	88.4	88.8	88.8	88.9	89.1	89.7	90.0
IV 800	4.8	77.3	81.2	84.6	86.9	87.5	88.2	88.8	89.1	89.1	89.6	89.6	89.7	89.9	90.4	90.8
IV 700	4.8	77.6	81.5	84.9	87.5	88.2	88.9	89.6	89.9	89.9	90.3	90.3	90.4	90.6	91.2	91.5
IV 600	4.8	78.2	82.3	85.9	88.6	89.4	90.2	90.9	91.2	91.2	91.6	91.6	91.7	91.9	92.5	92.8
IV 500	4.8	78.5	82.5	86.1	88.8	89.7	90.5	91.7	92.0	92.2	92.6	92.6	92.7	92.9	93.4	93.8
IV 400	4.8	78.5	82.6	86.5	89.7	90.6	91.9	93.1	93.4	93.5	94.0	94.0	94.1	94.3	94.8	95.2
IV 300	4.8	78.5	82.6	86.7	90.0	91.3	93.0	94.4	94.7	94.9	95.4	95.4	95.5	95.7	96.2	96.6
IV 200	4.8	78.5	82.6	86.7	90.0	91.3	93.0	94.5	95.2	95.7	96.1	96.2	96.5	96.9	97.5	98.0
IV 100	4.8	78.5	82.6	86.7	90.0	91.3	93.1	94.8	95.5	96.2	96.8	96.9	97.3	98.1	99.2	99.8
IV 0	4.8	78.5	82.6	86.7	90.0	91.3	93.1	94.8	95.5	96.2	96.8	96.9	97.3	98.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17/13
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2000
HOURS LST

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	3.9	47.4	57.4	52.0	53.4	54.1	55.1	55.6	55.8	55.9	55.9	53.0	55.0	56.1	56.2	56.5
≥ 20000	3.9	49.2	52.6	54.4	55.9	56.6	57.5	58.2	58.4	58.5	58.5	58.6	58.7	58.8	58.9	59.1
≥ 18000	3.9	49.2	52.6	54.4	55.9	56.6	57.5	58.2	58.4	58.5	58.5	58.6	58.7	58.8	58.9	59.1
≥ 16000	3.9	49.6	52.9	54.7	56.2	56.9	57.8	58.5	58.7	58.8	58.8	58.9	59.0	59.1	59.2	59.5
≥ 14000	4.0	50.3	53.7	55.6	57.1	57.8	58.8	59.5	59.7	59.3	59.8	59.9	60.0	60.1	60.2	60.4
≥ 12000	4.0	51.8	55.2	57.2	58.7	59.5	60.4	61.1	61.3	61.4	61.4	61.5	61.6	61.7	61.8	62.0
≥ 10000	4.0	54.3	57.6	59.8	61.3	62.0	63.0	63.7	63.9	64.2	64.2	64.3	64.5	64.6	64.7	64.9
≥ 9000	4.0	55.2	58.5	60.5	62.2	62.9	63.9	64.5	64.7	65.1	65.1	65.2	65.4	65.5	65.6	65.8
≥ 8000	4.1	57.1	60.6	62.9	64.4	65.2	66.1	66.8	67.0	67.3	67.3	67.4	67.7	67.8	68.0	68.2
≥ 7000	4.2	58.4	62.2	64.5	66.2	67.1	68.1	68.7	68.9	69.2	69.2	69.4	69.7	69.8	69.9	70.1
≥ 6000	4.2	60.3	63.8	66.2	68.0	68.8	69.8	70.4	70.6	71.0	71.0	71.1	71.4	71.5	71.6	71.8
≥ 5000	4.2	62.3	65.1	68.6	70.5	71.6	72.6	73.4	73.7	74.0	74.0	74.1	74.4	74.5	74.6	74.8
≥ 4500	4.3	63.0	67.2	70.0	71.9	73.0	74.0	74.8	75.1	75.4	75.4	75.5	75.8	75.9	76.0	76.2
≥ 4000	4.3	63.8	68.3	71.8	73.9	74.9	75.9	76.8	77.0	77.4	77.4	77.5	77.8	78.0	78.1	78.3
≥ 3500	4.3	64.7	69.8	73.0	75.2	76.2	77.2	78.1	78.3	78.7	78.7	78.8	79.1	79.2	79.4	79.6
≥ 3000	4.3	65.1	70.1	73.3	75.5	76.7	77.7	78.6	78.8	79.2	79.2	79.4	79.7	79.8	79.9	80.1
≥ 2500	4.3	66.5	71.7	74.9	77.3	78.5	79.6	80.4	80.6	81.1	81.1	81.2	81.5	81.6	81.7	81.9
≥ 2000	4.3	67.8	73.3	76.6	79.0	80.3	81.4	82.4	82.6	83.0	83.0	83.1	83.4	83.5	83.8	84.0
≥ 1800	4.3	68.4	73.9	77.2	79.7	81.0	82.0	83.0	83.2	83.7	83.7	83.8	84.1	84.2	84.4	84.6
≥ 1500	4.3	69.7	75.3	78.7	81.2	82.6	83.8	84.8	85.1	85.5	85.5	85.6	85.9	86.0	86.2	86.5
≥ 1200	4.3	70.4	76.1	79.6	82.2	83.7	84.8	85.9	86.1	86.7	86.7	86.8	87.1	87.3	87.5	87.7
≥ 1000	4.3	71.3	77.2	80.6	83.3	84.8	86.0	87.1	87.3	87.8	87.8	88.0	88.3	88.5	88.7	88.9
≥ 900	4.3	71.7	78.0	81.4	84.2	85.7	86.9	88.0	88.2	88.7	88.7	88.8	89.1	89.4	89.6	89.8
≥ 800	4.3	71.8	78.4	81.8	84.6	86.1	87.3	88.4	88.6	89.1	89.1	89.2	89.6	89.8	90.0	90.2
≥ 700	4.3	72.3	78.8	82.3	85.2	86.7	88.0	89.0	89.2	89.8	89.8	89.9	90.2	90.4	90.6	90.9
≥ 600	4.3	72.6	79.4	82.8	85.9	87.5	89.1	90.2	90.4	91.0	91.0	91.1	91.4	91.6	91.8	92.0
≥ 500	4.3	72.8	79.6	83.2	86.5	88.3	90.1	91.4	91.6	92.2	92.2	92.3	92.7	92.9	93.1	93.3
≥ 400	4.3	72.8	79.6	83.4	86.7	88.6	90.6	92.5	92.7	93.4	93.7	93.8	94.2	94.4	94.6	94.8
≥ 300	4.3	72.8	79.6	83.5	87.0	89.0	91.6	93.5	93.8	94.7	95.1	95.2	95.6	96.0	96.2	96.5
≥ 200	4.3	72.8	79.6	83.5	87.0	89.1	91.8	93.8	94.2	95.6	96.0	96.1	96.6	97.1	97.4	97.8
≥ 100	4.3	72.8	79.6	83.5	87.0	89.1	92.2	94.1	94.6	96.1	96.6	96.8	97.4	98.0	98.9	99.6
≥ 0	4.3	72.8	79.6	83.5	87.0	89.1	92.2	94.1	94.6	96.1	96.6	96.8	97.4	98.0	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB TX
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1967-1978
HOURS (EST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥.025	≥.01
NO CEILING	4.9	52.8	54.7	55.4	55.6	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 20000	5.3	56.1	58.2	58.8	59.1	59.2	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.8
≥ 18000	5.3	56.3	58.4	59.0	59.4	59.5	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.0
≥ 16000	5.3	56.7	58.7	59.4	59.7	59.8	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.3
≥ 14000	5.3	58.0	60.0	60.6	61.0	61.1	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.6
≥ 12000	5.3	59.8	61.8	62.5	62.8	62.9	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.4
≥ 10000	5.8	63.0	65.2	66.0	66.3	66.5	66.7	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1
≥ 9000	5.8	63.7	65.8	66.7	67.0	67.1	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7
≥ 8000	5.9	66.6	69.1	69.9	70.2	70.4	70.6	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.1
≥ 7000	5.9	67.0	71.4	71.3	71.6	71.8	72.0	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.5
≥ 6000	5.9	69.1	71.8	72.7	73.0	73.2	73.4	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.0
≥ 5000	5.9	71.2	74.1	74.8	75.3	75.5	75.7	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 4500	6.0	73.0	76.0	77.0	77.4	77.6	78.0	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8
≥ 4000	6.0	74.5	77.7	78.7	79.1	79.4	79.7	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.5
≥ 3500	6.0	74.7	78.2	79.2	79.8	80.1	80.4	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3
≥ 3000	6.0	74.9	78.4	79.7	80.3	80.6	81.0	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8
≥ 2500	6.1	75.4	79.0	80.8	81.6	81.9	82.3	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1
≥ 2000	6.1	76.6	80.5	82.3	83.3	83.7	84.0	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.8
≥ 1800	6.2	77.7	81.7	82.7	84.0	84.3	84.6	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5
≥ 1500	6.2	77.8	81.6	83.4	84.8	85.2	85.5	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3
≥ 1200	6.2	78.8	82.8	84.6	86.0	86.3	86.8	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6
≥ 1000	6.2	79.8	83.8	85.7	87.3	87.7	88.2	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0
≥ 900	6.2	80.4	84.4	86.3	88.0	88.4	88.8	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7
≥ 800	6.2	80.8	84.7	86.9	88.5	89.2	89.8	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 700	6.2	81.0	85.1	87.2	88.9	89.7	90.3	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.2
≥ 600	6.2	81.3	85.7	88.2	90.0	90.9	91.6	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.7
≥ 500	6.2	81.6	86.2	88.9	91.4	92.3	93.2	94.3	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.8
≥ 400	6.2	81.6	86.5	89.6	92.2	93.2	94.5	95.9	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.5
≥ 300	6.2	81.6	86.5	89.7	92.5	93.7	95.3	97.0	97.2	97.5	97.7	97.8	97.8	97.8	97.8	97.9
≥ 200	6.2	81.6	86.5	89.7	92.6	94.0	95.9	97.7	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.8
≥ 100	6.2	81.6	86.5	89.7	92.6	94.0	95.9	97.7	98.1	98.4	98.6	98.8	98.8	98.8	98.8	98.9
≥ 0	6.2	81.6	86.5	89.7	92.6	94.0	95.9	97.7	98.1	98.4	98.6	98.8	98.8	98.8	98.8	98.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LT)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	6.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 20000	6.2	61.1	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 18000	6.3	51.4	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 16000	6.3	51.5	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	6.3	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	6.5	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 10000	7.0	66.9	67.1	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000	7.3	67.4	67.6	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	7.1	71.2	71.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 7000	7.1	71.7	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	7.2	72.9	73.4	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	7.2	74.6	75.3	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4500	7.2	75.8	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000	7.5	77.6	78.5	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500	7.5	78.2	79.0	79.5	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	7.5	78.9	79.9	80.4	80.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2500	7.7	80.8	82.0	82.8	82.9	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2000	8.2	83.0	84.3	85.2	85.3	85.5	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1800	8.5	84.0	85.5	86.3	86.5	86.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	8.5	84.7	86.3	87.2	87.3	87.6	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200	8.5	86.1	88.0	88.9	89.2	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	8.5	87.0	89.0	90.0	90.5	90.9	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 900	8.5	87.2	89.2	90.3	90.9	91.2	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 800	8.5	87.4	89.7	90.8	91.4	92.0	92.2	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	8.5	87.6	90.1	91.4	92.3	92.9	93.0	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 600	8.5	88.1	91.0	92.6	93.7	94.3	94.4	94.9	94.9	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	8.5	88.4	91.3	92.9	94.3	94.9	95.1	95.6	95.7	96.2	96.6	96.6	96.6	96.6	96.6	96.6
≥ 400	8.5	88.5	91.5	93.2	94.6	95.4	95.8	96.6	96.8	97.3	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	8.5	88.5	91.5	93.3	95.1	95.9	96.7	97.7	98.1	98.8	99.5	99.5	99.6	99.6	99.6	99.6
≥ 200	8.5	88.5	91.5	93.3	95.1	95.9	96.9	98.0	98.3	99.0	99.7	99.8	99.9	100.0	100.0	100.0
≥ 100	8.5	88.5	91.5	93.3	95.1	95.9	96.9	98.0	98.3	99.0	99.7	99.8	99.9	100.0	100.0	100.0
≥ 0	8.5	88.5	91.5	93.3	95.1	95.9	96.9	98.0	98.3	99.0	99.7	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1973
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-72, 73-75
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥⅓	≥⅕	≥⅒	≥0
NO CEILING	7.7	56.7	58.7	58.7	59.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥20000	7.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 18000	7.8	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 16000	7.8	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 14000	8.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 12000	8.1	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 10000	8.2	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 9000	8.3	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 8000	8.3	71.6	71.6	71.6	71.6	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 7000	8.6	73.1	73.1	73.1	73.1	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 6000	8.6	74.3	74.3	74.3	74.3	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 5000	9.1	77.2	77.2	77.2	77.2	77.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 4500	9.4	77.6	77.6	77.6	77.6	77.6	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 4000	9.5	79.9	79.9	79.9	79.9	79.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 3500	9.5	80.8	80.8	80.8	80.8	80.8	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 3000	9.8	82.4	82.4	82.4	82.4	82.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 2500	9.8	83.8	83.8	83.8	83.8	83.8	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 2000	10.1	85.5	85.5	85.5	85.5	85.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 1800	10.1	85.7	85.7	85.7	85.7	85.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 1500	10.1	86.5	86.5	86.5	86.5	86.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 1200	10.1	87.3	87.3	87.3	87.3	87.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 1000	10.1	87.6	87.6	87.6	87.6	87.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 900	10.1	87.6	87.6	87.6	87.6	87.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 800	10.1	87.7	87.7	87.7	87.7	87.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 700	10.1	88.1	88.1	88.1	88.1	88.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 600	10.1	88.3	88.3	88.3	88.3	88.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 500	10.1	88.7	88.7	88.7	88.7	88.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 400	10.1	88.8	88.8	88.8	88.8	88.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 300	10.1	88.8	88.8	88.8	88.8	88.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 200	10.1	88.8	88.8	88.8	88.8	88.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 100	10.1	88.8	88.8	88.8	88.8	88.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 0	10.1	88.8	88.8	88.8	88.8	88.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3

TOTAL NUMBER OF OBSERVATIONS

937

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1826-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	7.2	62.6	63.1	63.0	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	7.3	65.1	65.5	65.5	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 18000	7.3	65.6	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 16000	7.3	65.9	66.4	66.4	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 14000	7.3	66.2	66.7	66.7	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 12000	7.4	66.1	68.6	68.6	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 10000	7.7	73.5	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 9000	7.8	73.8	71.4	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 8000	7.8	72.7	73.4	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 7000	7.3	73.7	74.4	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 6000	7.8	74.6	75.3	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 5000	7.8	76.3	77.1	77.1	77.4	77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 4500	8.1	77.2	77.9	78.1	78.4	78.4	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 4000	8.1	78.9	79.6	79.8	80.2	80.2	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 3500	8.1	79.8	80.6	80.8	81.3	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 3000	8.2	82.3	83.1	83.3	83.8	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 2500	8.4	84.2	85.1	85.5	86.2	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 2000	8.4	85.1	86.4	87.1	88.0	88.1	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 1800	8.4	85.6	87.1	87.7	88.8	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3
IV 1500	8.4	85.9	87.6	88.4	89.7	89.8	89.9	90.0	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4
IV 1200	8.4	86.4	88.3	89.0	90.4	90.5	90.6	90.8	90.9	91.2	91.2	91.2	91.3	91.3	91.3	91.3
IV 1000	8.4	86.4	88.3	89.1	90.5	90.6	90.7	90.9	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4
IV 900	8.4	86.4	88.3	89.1	90.5	90.6	90.9	91.2	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.7
IV 800	8.4	86.4	88.3	89.1	90.9	91.1	91.5	91.7	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7
IV 700	8.4	86.4	88.3	89.2	91.2	91.3	91.7	92.1	92.8	93.1	93.1	93.1	93.2	93.2	93.2	93.2
IV 600	8.4	86.4	88.3	89.4	91.7	91.8	92.2	92.8	93.4	93.9	94.0	94.0	94.1	94.1	94.1	94.1
IV 500	8.4	86.6	88.6	90.1	92.5	92.9	93.8	95.2	96.0	96.4	96.6	96.6	96.7	96.7	96.7	96.7
IV 400	8.4	86.6	88.6	90.2	92.8	93.3	94.4	96.0	96.9	97.3	97.6	97.6	97.7	97.7	97.7	97.7
IV 300	8.4	86.6	88.6	90.2	92.8	93.4	94.6	96.6	97.4	98.1	98.4	98.4	98.6	98.6	98.6	98.6
IV 200	8.4	86.6	88.6	90.2	92.8	93.4	94.6	96.9	97.8	98.6	99.0	99.0	99.5	99.5	99.5	99.5
IV 100	8.4	86.6	88.6	90.2	92.8	93.4	94.6	96.9	97.8	98.6	99.0	99.0	99.5	99.5	99.5	99.5
IV 0	8.4	86.6	88.6	90.2	92.8	93.4	94.6	96.9	97.8	98.6	99.0	99.0	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

920

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LT)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	6.1	60.9	61.8	62.0	62.1	62.2	62.5	62.5	62.5	62.5	62.7	62.7	62.9	62.9	62.9	62.9
≥ 20000	6.0	63.5	64.4	64.6	64.7	64.8	65.1	65.0	65.0	65.0	65.3	65.3	65.5	65.5	65.5	65.5
≥ 18000	6.0	64.0	64.8	65.0	65.2	65.3	65.5	65.5	65.5	65.5	65.7	65.7	65.9	65.9	65.9	65.9
≥ 16000	6.0	64.4	65.3	65.5	65.6	65.7	65.9	65.9	65.9	65.9	66.1	66.1	66.3	66.3	66.3	66.3
≥ 14000	6.0	65.5	66.6	66.8	66.9	67.1	67.2	67.2	67.2	67.2	67.4	67.4	67.6	67.6	67.6	67.6
≥ 12000	6.0	66.7	67.7	68.0	68.1	68.2	68.4	68.4	68.4	68.4	68.6	68.6	68.8	68.8	68.8	68.8
≥ 10000	6.1	69.0	70.1	70.3	70.4	70.6	70.8	70.8	70.8	70.8	71.0	71.0	71.2	71.2	71.2	71.2
≥ 9000	6.1	70.0	71.1	71.4	71.5	71.6	71.9	71.8	71.8	71.8	72.1	72.1	72.3	72.3	72.3	72.3
≥ 8000	6.3	71.4	72.5	72.9	73.1	73.2	73.5	73.5	73.5	73.5	73.7	73.7	73.9	73.9	73.9	73.9
≥ 7000	6.3	71.7	72.9	73.4	73.6	73.7	73.9	73.9	73.9	73.9	74.1	74.1	74.3	74.3	74.3	74.3
≥ 6000	6.6	73.1	74.4	75.0	75.3	75.4	75.6	75.6	75.6	75.6	75.8	75.8	76.1	76.1	76.1	76.1
≥ 5000	6.8	75.2	76.5	77.2	77.6	77.7	77.9	77.9	77.9	77.9	78.1	78.1	78.3	78.3	78.3	78.3
≥ 4500	6.8	75.8	77.1	77.9	78.3	78.4	78.6	78.6	78.6	78.6	78.9	78.9	79.1	79.1	79.1	79.1
≥ 4000	6.9	77.7	79.1	79.8	80.3	80.4	80.6	80.6	80.6	80.6	80.8	80.8	81.0	81.0	81.0	81.0
≥ 3500	7.1	78.5	80.0	80.8	81.2	81.7	81.9	81.9	81.9	81.9	82.1	82.1	82.3	82.3	82.3	82.3
≥ 3000	7.1	79.7	81.3	82.3	82.7	83.3	83.5	83.5	83.5	83.5	83.7	83.7	83.9	83.9	83.9	83.9
≥ 2500	7.1	80.9	82.2	83.2	83.7	84.3	84.6	84.6	84.6	84.6	84.8	84.8	85.1	85.1	85.1	85.1
≥ 2000	7.1	81.9	84.7	85.2	85.9	86.5	86.8	86.8	86.8	86.8	87.1	87.1	87.4	87.4	87.4	87.4
≥ 1800	7.1	82.2	84.4	85.5	86.3	86.9	87.3	87.3	87.3	87.3	87.5	87.5	87.8	87.8	87.8	87.8
≥ 1500	7.1	83.7	85.1	86.6	87.6	88.2	88.7	88.7	88.7	88.7	88.9	88.9	89.2	89.2	89.2	89.2
≥ 1200	7.1	83.6	85.8	87.4	88.6	89.2	89.6	89.6	89.6	89.6	89.9	89.9	90.2	90.2	90.2	90.2
≥ 1000	7.1	83.9	86.1	87.8	89.1	89.8	90.3	90.3	90.3	90.3	90.5	90.5	90.8	90.8	90.8	90.8
≥ 900	7.1	83.9	86.1	87.9	89.2	90.1	90.6	90.7	90.7	90.7	90.9	90.9	91.3	91.3	91.3	91.3
≥ 800	7.1	84.8	87.1	89.0	90.5	91.4	92.0	92.2	92.3	92.3	92.6	92.6	92.9	92.9	92.9	92.9
≥ 700	7.1	84.9	87.2	89.2	90.7	91.6	92.2	92.4	92.6	92.6	92.8	92.8	93.1	93.1	93.1	93.1
≥ 600	7.1	85.1	87.5	89.5	91.2	92.0	92.9	93.1	93.2	93.2	93.4	93.4	93.7	93.7	93.7	93.7
≥ 500	7.1	85.1	87.9	89.7	91.8	92.8	94.1	94.7	94.9	95.0	95.3	95.3	95.6	95.6	95.6	95.6
≥ 400	7.1	85.1	88.7	90.4	92.0	93.0	94.5	95.5	95.9	96.1	96.4	96.4	96.9	96.9	96.9	96.9
≥ 300	7.1	85.1	88.7	90.4	92.3	93.4	95.1	96.5	97.1	97.4	97.7	97.7	98.2	98.2	98.2	98.2
≥ 200	7.1	85.1	88.1	90.5	92.4	93.5	95.4	96.9	97.4	98.1	98.5	98.5	99.0	99.0	99.0	99.0
≥ 100	7.1	85.1	88.1	90.5	92.4	93.5	95.4	96.9	97.4	98.2	98.6	98.6	99.4	99.4	99.4	99.4
≥ 0	7.1	85.1	88.1	90.5	92.4	93.5	95.4	96.9	97.4	98.2	98.6	98.6	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-713

SEYMOUR-JOHNSON AFB NC

67-73, 73-78

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

NO. OF

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	5.6	56.8	57.8	58.5	59.8	59.0	59.1	59.3	59.4	59.4	59.5	59.5	59.6	59.6	59.7	59.7
≥ 20000	5.8	59.5	63.9	61.6	61.9	62.1	62.3	62.5	62.6	62.6	62.7	62.7	62.8	62.8	62.9	63.1
IV 18000	5.8	59.8	61.2	61.9	62.2	62.4	62.6	62.8	62.9	62.9	63.0	63.0	63.1	63.1	63.2	63.3
IV 16000	5.8	60.1	61.5	62.2	62.5	62.7	62.9	63.1	63.2	63.2	63.3	63.3	63.4	63.4	63.5	63.6
IV 14000	5.8	61.1	62.4	63.2	63.6	63.7	64.0	64.2	64.2	64.3	64.4	64.4	64.5	64.5	64.5	64.6
IV 12000	5.9	62.6	64.1	64.8	65.2	65.3	65.6	65.8	65.9	65.9	66.0	66.0	66.1	66.1	66.2	66.3
IV 10000	6.1	65.2	66.7	67.5	67.9	68.0	68.3	68.5	68.5	68.6	68.7	68.7	68.8	68.9	68.9	69.0
IV 9000	6.1	66.0	67.5	68.3	68.7	68.9	69.1	69.3	69.4	69.5	69.6	69.6	69.7	69.7	69.9	69.9
IV 8000	6.2	68.3	69.9	70.8	71.2	71.4	71.6	71.9	71.9	72.0	72.1	72.1	72.3	72.3	72.4	72.4
IV 7000	6.3	69.5	71.1	71.9	72.4	72.6	72.9	73.1	73.2	73.2	73.3	73.4	73.5	73.5	73.6	73.7
IV 6000	6.4	70.6	72.4	73.3	73.9	74.1	74.3	74.6	74.6	74.7	74.8	74.8	75.0	75.0	75.1	75.1
IV 5000	6.5	72.5	74.4	75.3	76.0	76.2	76.5	76.8	76.9	76.9	77.1	77.1	77.2	77.2	77.3	77.4
IV 4500	6.5	73.2	75.2	76.3	76.9	77.2	77.4	77.7	77.8	77.9	78.0	78.0	78.2	78.2	78.3	78.4
IV 4000	6.6	74.8	77.1	78.2	78.9	79.1	79.4	79.7	79.8	79.9	80.0	80.0	80.2	80.3	80.3	80.3
IV 3500	6.7	75.5	77.8	79.0	79.7	80.1	80.3	80.6	80.7	80.8	80.9	81.0	81.1	81.1	81.2	81.3
IV 3000	6.8	76.6	78.9	80.2	81.0	81.4	81.7	82.0	82.0	82.1	82.3	82.3	82.4	82.4	82.5	82.6
IV 2500	6.8	77.8	80.3	81.8	82.8	83.2	83.5	83.8	83.9	84.0	84.2	84.2	84.3	84.3	84.4	84.5
IV 2000	6.9	79.0	81.8	83.4	84.5	84.9	85.3	85.7	85.8	85.9	86.0	86.0	86.2	86.2	86.3	86.4
IV 1800	7.0	79.4	82.2	83.8	85.0	85.5	85.9	86.2	86.3	86.4	86.6	86.6	86.7	86.8	86.9	87.0
IV 1500	7.0	80.2	83.1	84.9	86.1	86.6	87.0	87.3	87.4	87.6	87.7	87.7	87.9	87.9	88.0	88.1
IV 1200	7.0	81.1	84.1	85.8	87.3	87.7	88.2	88.6	88.7	88.8	89.0	89.0	89.1	89.2	89.3	89.4
IV 1000	7.0	81.7	84.7	86.6	88.1	88.6	89.1	89.5	89.6	89.8	89.9	89.9	90.0	90.1	90.2	90.3
IV 900	7.0	81.8	84.9	86.8	88.5	89.0	89.5	90.0	90.1	90.2	90.4	90.4	90.5	90.6	90.7	90.8
IV 800	7.0	82.1	85.3	87.3	89.1	89.8	90.5	90.9	91.1	91.2	91.4	91.4	91.5	91.6	91.7	91.8
IV 700	7.0	82.4	85.6	87.7	89.6	90.4	91.1	91.6	91.8	92.0	92.1	92.1	92.3	92.3	92.4	92.5
IV 600	7.0	82.6	86.1	88.4	90.5	91.3	92.1	92.6	92.8	93.1	93.3	93.3	93.4	93.5	93.6	93.7
IV 500	7.0	82.9	86.4	88.8	91.1	92.1	93.1	94.0	94.2	94.5	94.8	94.8	95.0	95.1	95.2	95.3
IV 400	7.0	82.9	86.5	89.1	91.5	92.6	93.9	95.1	95.4	95.7	96.1	96.1	96.3	96.3	96.4	96.5
IV 300	7.0	82.9	86.5	89.1	91.8	93.0	94.5	96.0	96.4	96.9	97.4	97.4	97.7	97.8	97.9	98.0
IV 200	7.0	82.9	86.5	89.1	91.8	93.1	94.8	96.3	96.9	97.5	98.0	98.1	98.5	98.7	99.0	99.1
IV 100	7.0	82.9	86.5	89.1	91.8	93.1	94.8	96.4	96.9	97.7	98.2	98.3	98.8	99.1	99.6	99.8
IV 0	7.0	82.9	86.5	89.1	91.8	93.1	94.8	96.4	96.9	97.7	98.2	98.3	98.8	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

7435

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 CE-FLTAC
 AFM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713 SEYMOUR-JOHNSON AFB NC

67-70, 73-79

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	5.8	54.0	57.2	59.2	67.5	60.9	61.3	61.7	61.8	61.9	62.7	62.1	62.1	62.1	62.7	62.7
≥ 2000'	6.3	58.7	61.5	63.7	65.1	65.6	66.0	66.4	66.5	66.6	66.7	66.7	66.9	66.9	66.9	67.7
IV 18000	6.3	56.4	61.9	64.1	65.5	66.0	66.4	66.7	66.9	67.1	67.7	67.2	67.3	67.3	67.4	67.4
IV 16000	6.4	58.7	62.2	64.4	65.8	66.3	66.7	67.2	67.2	67.4	67.5	67.5	67.6	67.6	67.7	67.7
IV 14000	6.5	59.5	63.1	65.4	66.8	67.3	67.7	68.2	68.3	68.4	68.5	68.5	68.6	68.6	68.7	68.8
IV 12000	6.6	61.1	64.4	67.1	68.6	69.0	69.5	70.0	70.0	70.2	70.3	70.3	70.4	70.4	70.5	70.6
IV 10000	6.8	63.7	67.6	70.0	71.6	72.0	72.6	73.1	73.1	73.3	73.4	73.4	73.5	73.5	73.6	73.6
IV 9000	6.8	64.3	68.3	70.7	72.3	72.7	73.3	73.7	73.8	74.0	74.1	74.1	74.2	74.2	74.3	74.3
IV 8000	6.9	66.5	70.7	73.2	74.9	75.3	75.9	76.4	76.5	76.6	76.7	76.7	76.8	76.8	76.9	77.0
IV 7000	7.0	67.6	71.9	74.4	76.1	76.6	77.2	77.6	77.7	77.9	78.0	78.1	78.1	78.1	78.2	78.3
IV 6000	7.1	68.5	72.8	75.4	77.1	77.6	78.1	78.6	78.7	78.9	79.0	79.0	79.1	79.1	79.2	79.3
IV 5000	7.1	69.8	74.2	76.9	78.7	79.2	79.7	80.3	80.4	80.5	80.6	80.6	80.7	80.8	80.8	80.9
IV 4500	7.1	73.4	74.8	77.6	79.3	79.9	80.4	81.0	81.1	81.2	81.3	81.3	81.4	81.5	81.6	81.6
IV 4000	7.2	71.8	76.5	79.3	81.2	81.7	82.3	82.9	83.0	83.2	83.3	83.3	83.4	83.4	83.5	83.5
IV 3500	7.2	72.6	77.3	80.2	82.1	82.7	83.3	83.9	84.0	84.2	84.2	84.3	84.3	84.4	84.5	84.6
IV 3000	7.3	73.8	78.7	81.7	83.7	84.3	85.0	85.7	85.7	85.8	85.9	86.0	86.1	86.1	86.2	86.2
IV 2500	7.3	74.7	79.7	82.9	85.0	85.6	86.3	86.9	87.0	87.2	87.3	87.3	87.4	87.4	87.5	87.6
IV 2000	7.4	75.6	80.9	84.1	86.3	87.0	87.7	88.3	88.5	88.6	88.8	88.8	88.9	88.9	89.0	89.1
IV 1800	7.4	75.9	81.2	84.5	86.7	87.3	88.0	88.7	88.8	89.0	89.1	89.1	89.2	89.3	89.3	89.4
IV 1500	7.4	76.6	82.7	85.4	87.7	88.4	89.2	89.8	90.0	90.1	90.3	90.3	90.4	90.4	90.5	90.5
IV 1200	7.5	77.4	82.9	86.4	88.8	89.6	90.4	91.0	91.2	91.4	91.5	91.5	91.6	91.7	91.9	91.9
IV 1000	7.5	77.9	83.6	87.2	89.7	90.4	91.3	92.0	92.2	92.4	92.5	92.5	92.7	92.7	92.8	92.9
IV 900	7.5	78.2	83.9	87.6	90.1	90.9	91.8	92.6	92.7	93.0	93.1	93.1	93.2	93.3	93.4	93.5
IV 800	7.5	78.5	84.4	88.2	90.9	91.6	92.4	93.5	93.7	93.9	94.1	94.1	94.2	94.3	94.3	94.4
IV 700	7.5	78.7	84.7	88.6	91.4	92.1	93.7	94.2	94.4	94.6	94.8	94.8	94.9	95.0	95.1	95.2
IV 600	7.5	78.9	85.1	89.1	92.0	93.0	94.1	95.0	95.2	95.5	95.6	95.7	95.8	95.8	95.9	96.0
IV 500	7.5	79.1	85.4	89.5	92.7	93.8	95.0	96.1	96.3	96.7	96.8	96.9	97.0	97.1	97.2	97.2
IV 400	7.5	79.2	85.5	89.7	93.0	94.1	95.6	96.8	97.1	97.5	97.7	97.7	97.8	97.8	97.9	98.0
IV 300	7.5	79.2	85.5	89.7	93.1	94.4	95.9	97.3	97.7	98.1	98.4	98.4	98.6	98.7	98.9	98.9
IV 200	7.5	79.2	85.5	89.8	93.1	94.4	96.0	97.5	97.9	98.4	98.7	98.8	98.9	99.1	99.3	99.5
IV 100	7.5	79.2	85.5	89.8	93.1	94.4	96.0	97.5	97.9	98.4	98.8	98.8	99.1	99.3	99.6	99.9
IV 0	7.5	79.2	85.5	89.8	93.1	94.4	96.0	97.5	97.9	98.4	98.8	98.8	99.1	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 57634

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS
MODELS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED
WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	34.4			14.5						10.3	40.8	5.4	924
	03-05	34.2			14.0						9.6	42.2	5.5	919
	06-08	25.1			18.7						12.6	43.6	6.1	920
	09-11	23.3			18.1						14.7	43.9	6.3	927
	12-14	19.0			20.1						16.9	44.0	6.5	930
	15-17	15.3			23.0						16.8	44.9	6.7	930
	18-20	23.2			21.2						14.5	41.1	6.0	925
	21-23	32.1			16.4						10.5	41.0	5.5	927
TOTALS		25.8			18.3						13.2	42.7	6.0	7422

USAFÉTAC

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	39.6			15.4						8.7	36.3	4.9	843
	03-05	40.8			14.7						10.5	34.0	4.8	841
	06-08	31.9			18.1						12.1	37.9	5.4	842
	09-11	28.3			17.8						15.7	38.2	5.8	842
	12-14	22.9			21.9						15.5	39.7	6.0	844
	15-17	21.2			23.9						15.4	39.5	6.0	844
	18-20	26.1			24.9						13.9	35.0	5.5	846
	21-23	37.6			16.2						12.9	33.3	5.0	844
TOTALS		31.1			19.1						13.1	36.7	5.4	6746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	35.4			15.6						10.6	38.5	5.3	925
	03-05	35.4			12.6						10.2	41.8	5.5	921
	06-08	22.0			18.5						12.5	47.0	6.4	926
	09-11	21.5			20.2						14.1	44.2	6.3	930
	12-14	16.1			22.7						16.1	45.0	6.6	929
	15-17	14.5			23.9						17.2	44.3	6.7	928
	18-20	18.1			24.4						16.6	41.0	6.3	930
	21-23	33.6			17.6						12.7	36.1	5.3	928
TOTALS		24.6			19.4						13.8	42.2	6.1	7417

USAFETACFORM 0-9-5 (OL A)
HM 44

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-72, 73-79

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	35.3			24.5						12.4	27.8	4.6	926
	03-05	27.3			24.0						15.7	32.9	5.4	911
	06-08	22.0			20.9						16.2	40.9	6.2	922
	09-11	22.0			23.0						20.0	35.0	6.0	926
	12-14	11.6			29.9						26.5	32.0	6.5	929
	15-17	7.8			32.6						24.0	35.6	6.7	929
	18-20	12.3			27.4						25.0	35.4	6.6	925
	21-23	26.1			26.4						19.3	28.2	5.4	924
TOTALS		20.6			26.1						19.9	33.5	5.9	7392

SKY COVER

68-70, 73-79

APR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	42.7			14.1						11.3	29.9	4.5	895
	03-05	40.4			17.8						10.9	30.8	4.6	898
	06-08	25.8			20.8						15.9	37.6	5.8	900
	09-11	23.4			25.8						16.5	34.4	5.7	899
	12-14	18.2			26.5						20.8	34.7	6.1	900
	15-17	16.3			27.6						20.4	35.7	6.2	900
	18-20	25.6			24.8						16.8	32.9	5.5	900
	21-23	38.8			19.6						12.3	29.3	4.6	899
TOTALS		28.9			22.4						15.6	33.2	5.4	7191

SKY COVER

JUN
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	26.6			26.5						19.0	27.9	5.3	891
	03-05	19.6			30.1						17.9	32.4	5.8	879
	06-08	12.3			24.7						27.5	35.5	6.8	894
	09-11	9.8			30.0						26.6	33.6	6.7	897
	12-14	1.9			34.3						27.6	36.3	7.1	896
	15-17	2.1			34.3						27.2	36.4	7.1	896
	18-20	7.8			27.4						26.0	38.8	7.0	894
	21-23	18.7			30.4						21.4	29.4	5.8	891
TOTALS		12.4			29.7						24.2	33.8	6.5	7138

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	29.9			28.4						18.1	23.6	4.8	919
	03-05	25.4			29.6						18.5	26.4	5.2	908
	06-08	14.5			25.5						24.5	35.5	6.5	915
	09-11	12.5			29.8						26.6	31.2	6.4	930
	12-14	1.5			38.3						28.2	32.0	6.9	939
	15-17	1.2			37.6						28.2	33.0	7.0	927
	18-20	7.7			28.3						25.7	38.3	7.0	925
	21-23	16.9			31.0						21.1	30.9	5.9	722
TOTALS		13.7			31.1						23.9	31.4	6.2	7376

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	31.5			30.1						16.1	22.4	4.6	915
	03-05	24.4			33.4						18.2	24.0	5.0	896
	06-08	10.0			30.4						26.5	33.1	6.6	901
	09-11	11.7			33.7						29.3	25.3	6.2	925
	12-14	3.3			41.6						29.1	26.0	6.5	929
	15-17	3.5			37.8						30.3	28.3	6.7	930
	18-20	10.0			30.2						28.6	31.3	6.6	921
	21-23	22.5			31.7						21.4	24.4	5.3	915
TOTALS		14.6			33.6						24.9	26.9	5.9	7332

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	35.5			26.2						16.4	21.8	4.5	888
	03-05	29.2			26.9						17.5	26.4	5.0	880
	06-08	11.9			29.3						24.8	34.1	6.5	868
	09-11	14.8			31.1						23.2	30.9	6.1	897
	12-14	7.5			34.8						27.5	30.3	6.5	899
	15-17	7.0			37.2						27.4	28.3	6.4	900
	18-20	15.7			32.7						22.6	29.0	5.9	898
	21-23	28.4			29.0						16.7	23.9	4.9	899
TOTALS		18.8			30.9						22.3	28.1	5.7	7129

SKY COVER

OCT
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	48.5			16.0						12.6	22.9	3.9	924
	03-05	47.1			14.1						13.0	25.8	4.2	910
	06-08	28.6			22.9						17.4	31.1	5.4	909
	09-11	26.2			23.1						20.4	30.2	5.6	926
	12-14	18.8			31.6						22.5	27.0	5.7	929
	15-17	17.6			32.8						21.1	28.5	5.7	930
	18-20	30.1			28.4						17.9	23.6	4.8	929
	21-23	42.8			24.9						11.6	20.6	3.9	930
TOTALS		32.5			24.2						17.1	26.2	4.9	7387

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	'TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	46.4			16.1						10.0	27.5	4.1	893
	03-05	46.0			16.4						9.8	27.9	4.2	879
	06-08	29.8			24.9						16.3	29.0	5.1	887
	09-11	26.4			24.0						17.4	32.1	5.5	900
	12-14	21.6			26.6						19.1	32.8	5.8	900
	15-17	18.7			29.2						18.3	33.8	5.9	900
	18-20	30.7			24.9						12.6	31.9	5.1	900
	21-23	43.7			17.8						9.5	29.1	4.3	898
TOTALS		32.9			22.5						14.1	30.5	5.0	7157

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13713
STATION

SEYMOUR-JOHNSON AFB NC

67-70, 73-78

DEC
MON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	41.7			16.4						12.5	29.5	4.6	923
	03-05	41.5			13.8						12.3	32.4	4.8	919
	06-08	28.0			19.9						15.6	36.6	5.7	919
	09-11	22.7			21.6						16.6	39.1	6.1	930
	12-14	19.6			22.5						17.8	40.1	6.3	930
	15-17	19.3			23.7						16.8	40.3	6.2	929
	18-20	29.6			22.8						15.7	32.0	5.3	926
	21-23	40.2			15.6						12.9	31.4	4.8	925
TOTALS		30.3			19.5						15.0	35.2	5.5	7401

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13713
STATIONSEYMGUR-JOHNSON AFB NC
STATION NAME67-70, 73-79
PERIODALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	25.8			18.3						13.2	42.7	6.3	7402
FEB		31.1			19.1						13.1	36.7	5.4	6746
MAR		24.6			19.4						13.8	42.2	6.1	7417
APR		28.9			22.4						15.6	33.2	5.4	7191
MAY		20.6			26.1						19.9	33.5	5.9	7392
JUN		12.4			29.7						24.2	33.8	6.5	7138
JUL		13.7			31.1						23.9	31.4	6.2	7376
AUG		14.6			33.6						24.9	26.9	5.9	7332
SEP		18.8			30.9						22.3	28.1	5.7	7129
OCT		32.5			24.2						17.1	26.2	4.9	7387
NOV		32.9			22.5						14.1	30.5	5.3	7157
DEC		30.3			19.5						15.0	35.2	5.5	7401
TOTALS		23.9			24.7						18.1	33.4	5.7	87068

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years covered. These tabulations provide the cumulative percentage frequency to tenths of temperature by 3-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: Direct conversion of temperatures from Celsius to Fahrenheit values results in the exclusion of certain values. The conversion method used at OLA to present these data may result in differences not exceeding $\pm 1^\circ$ from directly converted values but excludes no Fahrenheit values.

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) ‡ indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 8-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958, and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

- b. Means and standard deviations - These tabulations are derived from hourly observations and the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
4. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

2

DAILY TEMPERATURES

STATION

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50													
51													
52													
53													
54													
55													
56													
57													
58													
59													
60													
61													
62													
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90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
100													
MEAN	1.2	53.8	62.2	72.9	79.4	85.0	87.8	87.1	92.3	77.9	64.2	54.7	71.2
S D	31.4	11.767	11.155	9.564	7.786	6.466	4.916	5.277	6.437	7.445	9.342	10.4	10.7
TOTAL OBS	31	71	622	659	679	657	679	672	661	672	657	672	672

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

STATION 36-1101 / MAC
STATION NAME 1700-204500N 100°10'W

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN. AVE
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
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93													
94													
95													
96													
97													
98													
99													
100													
MEAN	72.6	34.1	41.9	50.5	59.1	66.4	73.6	76.3	64.7	52.1	42.3	36.7	51.2
S.D.	1.347	9.677	9.032	8.456	6.984	5.487	3.971	4.336	6.513	9.571	9.233	10.376	11.014
TOTAL OBS.	681	571	682	659	679	657	679	682	667	582	667	677	6694

2

DAILY TEMPERATURES

STATION

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1						4.3	7.1						
2				.3	6.0	23.0	53.6	44.4	17.1				
3			.4	6.0	24.9	61.3	58.	44.2	42.7	6.5			
4		.3	3.2	21.2	52.3	87.5	89.1	87.7	76.1	21.0			
5	2.1	3.7	11.3	34.9	76.3	97.7	100.	99.9	91.5	47.3	12.3	.4	4.3
6	6.7	7.6	25.8	56.9	90.7	99.7		100.0	99.6	60.7	21.0	1.0	57.7
7	13.5	15.9	38.3	74.7	93.5	100.0			100.0	83.1	47.7	15.7	64.1
8	24.7	29.1	60.1	95.3	99.9					77.7	50.1	23.5	7.7
9	40.2	46.2	79.6	98.9	100.0					69.8	60.1	51.2	27.4
10	57.7	65.1	92.4	100.0						69.7	94.5	63.8	9.
11	74.6	83.4	97.1							100.0	96.7	90.4	57.0
12	87.8	93.7	99.4								94.5	95.9	97.0
13	96.3	98.9	100.0									97.1	98.0
14	99.4	99.7										99.9	99.9
15	99.9	100.0										100.0	100.0
16	100.0												
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN	42.2	44.2	52.4	61.9	69.5	75.9	79.5	78.9	73.1	62.7	53.2	45.7	61.7
S D	1.652	1.614	1.359	1.254	1.153	1.052	1.065	1.301	1.831	2.275	2.165	2.558	2.454
TOTAL OBS.	681	621	682	659	679	657	679	652	661	552	461	50	679

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DATA OBSERVATIONS

13713 STATION SEYMOUR-JOHNSON AFB NC
STATION NAME

57-79

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57									95	78	79	72	
58	62	73	67	91	90	97	96	97	94	85	79	70	97
59	74	74	81	86	94	100	95	96	93	89	81	72	100
60	74	73	80	93	92	95	93	94	91	85	76	71	95
61	64	75	83	89	85	92	95	92	92	86	84	73	95
62	75	81	78	87	95	93	97	93	91	90	73	68	97
63	73	69	82	95	93	97	95	93	89	83	74	65	97
64	* 67	65	79	89	97	100	89	93	88	83	80	74	100
65	74	78	75	88	92	91	92	94	92	81	76	70	94
66	72	71	83	85	89	98	97	93	94	84	78	76	98
67	73	73	86	90	91	91	93	92	86	86	75	78	93
68	69	71	85	85	91	99	97	100	93	89	81	70	100
69	72	71	76	84	91	92	96	90	92	84	75	73	96
70	82	75	80	92*	93	98	95	95	94	85	77	77	98
71	78	77	78	88	90	99	97	94	92	86	83	80	99
72	72	77	80	90	84	90	97	98	91	85	82	73	98
73	72	69	85*	87*	91*	92*	75	94	94	70	85	78	* 95
74	79	69	90	92	92	95	94	95	92	83	87	75	95
75	79	85	86	86	95	96	95	98	94	87	82	75	98
76	73	80	85	94	90	93	97	90	90	86	70	66	97
77	56	80	80	87	93	98	104	98	92	88	79	73	104
78	71	67	77	86	92	95	95	95	95	83	78	80	95
79	67	69	78	82	87	89	94	100					
MEAN	72.0	73.7	80.6	88.5	91.2	95.1	95.4	94.7	92.0	85.3	78.8	73.1	97.1
S D	5.971	5.054	4.846	3.459	3.216	3.439	2.819	2.831	2.268	2.931	4.171	4.098	2.610
TOTAL OBS.	681	621	682	659	679	657	679	682	660	682	660	682	8024

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

13713 SF YMOUR-JOHNSON AFB NC
STATION STATION NAME

57-79

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

PSYCHROMETRIC SUMMARY

YEARS

JA
MONTH

PAGE 1 000-22-0
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JA
MONTH

PAGE 2 7000-0242
HOURS () () ()

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point				
4/ 3																					4				
3/ 1																					4				
2/ -1																					5				
-2/ -3																					3				
-4/ -5																					7				
-6/ -7																					3				
TOTAL	7.8	41.6	31.1	4.3	4.7	1.2													923	930	930				

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

543
MONTH

PAGE 2 2304-0502
HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

66-70, 73-79

JAN
MONTH

2438 1

3605-0800
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/71		.1	.1															2	2																
71/69		.2	.1															3	3																
68/67		.1																1	1	4	4														
66/65		.1	1.1															13	13	1	2														
64/63	.2	.9	.2															12	12	3	3														
62/61		.9	.4	.2	.2	.1												17	17	2	5														
60/59		1.9	.3	.1														18	18	12	16														
58/57	.3	1.2	.3															17	17	21	13														
56/55	.3	1.5	.5	.1														24	24	16	23														
54/53	.2	.9	.1	.1	.4													16	16	22	17														
52/51	.6	1.1	.5	.5	.3													29	29	29	19														
50/49	.4	.3	.3	.4	.1													15	15	12	22														
48/47	.1	1.6	.3	.5	.2	.1												27	27	11	13														
46/45	.9	1.9	.8	.4														37	37	4	26														
44/43	.2	1.7	1.0	.1														28	28	28	17														
42/41	.3	1.8	.5	.1	.1													27	27	36	22														
40/39	1.0	2.5	2.5	.5														60	60	39	33														
38/37	.9	1.7	1.4	1.3														49	49	4	38														
36/35	1.2	3.1	1.5	.9	.2													64	64	52	52														
34/33	.6	2.2	1.4	1.1	.2													51	51	58	36														
32/31	.5	2.9	3.1	1.6														76	76	51	27														
30/29	.3	3.1	3.7	1.2														73	73	58	55														
28/27	.6	3.3	.5	1.1														52	52	71	42														
26/25	.3	2.9	1.3	.4														46	46	76	50														
24/23	.3	2.3	1.8															41	41	53	46														
22/21	.5	2.5	1.1	.3														41	41	44	33														
20/19	.1	2.0	3.7	.2														50	50	44	60														
18/17	.3	1.2	.5															19	19	33	39														
16/15	.1	.9	.4															13	13	33	44														
14/13			.2															1	1	13	33														
12/11		.8																7	7	3	43														
10/9		.1																1	1	8	20														
8/7																																			

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 7900-1160
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
6/ 5																					1	10		
4/ 3																						9		
2/ 1																						16		
0/ -1																						9		
-2/ -3																						11		
-4/ -5																						1		
-6/ -7																						2		
-8/ -9																						4		
TOTAL	4.4	27.8	25.3	24.9	11.8	3.7	1.6	.2	.2										937		931	930		

PSYCHROMETRIC SUMMARY

YEARS

1 A
MONTA

PAGE 7 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-72, 73-79

YEARS

JAN
MONTH

PAGE 2

1526-1767
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
MIL AM
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
FORM
0-26-5 (OL A)

FORM

PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 2 1850-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

____ JAP
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

DATE _____
MONTH _____

PAGE 1

ALL
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

FE= MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
72/ 71		.1																1	1						
71/ 69		.2																2	2	3	7				
66/ 65	.2	.7	.4															11	11	2	7				
64/ 63	.1	.5	.1															6	6	7	7				
62/ 61	.2	.5	.5															10	10	9	7				
61/ 59	.8	.2	.8			.4												22	22	13	12				
55/ 57		.8	1.3	.6	.6													28	28	14	8				
56/ 55	.1	.9	.1	.1	.2													13	13	14	11				
54/ 53	.2	.7	.4	.4	.7	.5	.1											25	25	21	19				
52/ 51	.4	.8	1.4	.8	.1	.1												31	31	12	15				
50/ 49	.2	1.2	.7	1.3	.4													32	32	27	13				
48/ 47		1.4	.7	.7	.8	.1												32	32	25	13				
46/ 45	.1	1.2	1.3	1.5	1.7	.1												50	50	33	28				
44/ 43	.2	.7	1.8	1.8	.7	.1												45	45	22	21				
42/ 41	.1	1.5	1.1	1.2	1.7	.1												48	48	35	19				
40/ 39	.4	2.0	2.6	.5	.9	.1												54	54	55	26				
38/ 37	.2	2.5	1.9	1.7	1.3	.1												65	65	61	27				
36/ 35	.6	2.2	3.1	2.7	1.5	.1												81	81	63	56				
34/ 33	.1	1.2	2.8	1.9	.4	.1												55	55	55	38				
32/ 31	.6	2.2	1.8	1.3	.5													54	54	71	55				
30/ 29	.7	1.5	1.8	1.8														49	49	68	37				
28/ 27	.9	.7	2.5	1.3	.4													49	49	56	51				
26/ 25	.1	2.7	.7	.4														33	33	44	64				
24/ 23		.8	.5	.1														12	12	60	30				
22/ 21	.2	.8	.9	.1														18	18	26	33				
20/ 19	.2	.9	.5															14	14	16	49				
18/ 17		.5																4	4	18	44				
16/ 15																				5	31				
14/ 13		.1																1	1		32				
12/ 11	.1																	1	1	2	23				
10/ 9																					18				
8/ 7																					21				
6/ 5																					9				
4/ 3																					8				
Element (X)	ΣX^2		ΣX		Σ		σ^2		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

63-70, 73-79

YEAR

FE4
MONTH

PAGE ? 2020-92.0
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11	12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
- / 1																							0		
- / -1																							1		
- / -3																							1		
TOTAL	7.1	30.3	29.6	19.4	11.8	1.8	.1														846	346	846		
																					846				
										</															

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13-13 SEYMOUR-JOHNSON AFB NC

65-70, 73-79

FE
MONTH

PAGE 1 0300-3500
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
72/ 71		.2																2	2	1	1			
71/ 69		.1																1	1	1	2			
69/ 67		.2																2	2					
66/ 65		.1																1	1	3	3			
64/ 63	.4	.4	.4															9	9	3	3			
62/ 61	.2	.6	.2	.1														10	17	6	5			
59/ 59	.4	.6	.4		.1													12	12	12	4			
56/ 57	.4	1.4	.8	.1	.1	.1												25	25	14	15			
56/ 55	.1	.4	.7	.1	.2	.2												15	15	15	12			
54/ 53	.1	.5	.1	.6	.2	.4	.1											17	17	15	13			
52/ 51	.2	.6	.4	.2	.2													14	14	11	0			
51/ 49	.7	1.4	1.2	1.5	.1													42	42	16	21			
40/ 47	.4	1.9	.7	.5														29	29	25	9			
40/ 45	.6	.9	1.4	.1	.1	.1												26	28	41	18			
44/ 43		1.3	1.3	.2	.6													29	29	32	22			
42/ 41	.5	1.7	2.1	1.8	.7													57	57	30	26			
41/ 39	.2	1.5	1.7	1.9	.6													50	50	33	26			
38/ 37	1.1	2.5	3.1	1.4	.9													72	72	47	34			
36/ 35	1.2	1.4	1.5	2.4	.6													60	60	69	58			
34/ 33	.2	1.9	3.4	2.0	.4													67	67	56	32			
32/ 31	1.1	4.4	3.3	.9														85	85	73	43			
30/ 29	.5	1.1	1.2	1.6														38	38	79	43			
28/ 27	.9	1.4	2.8	1.5														57	57	62	59			
26/ 25	.4	1.4	1.7	.6														71	36	36	59			
24/ 23	.2	1.5	1.4	.2														29	29	61	30			
22/ 21	.8	.7	.9	.1														22	22	41	46			
20/ 19	.4	1.2	1.1															22	22	23	43			
18/ 17	.1	.7																7	7	23	40			
16/ 15	.1	.2																3	3	13	32			
14/ 13	.4	.2																5	5	4	38			
12/ 11																				1	28			
10/ 9																					16			
8/ 7																					20			
6/ 5																					9			
Element (X)	Σ X ²		Σ X		X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Mean No. of Hours with Temperature						
Rel. Hum.																		≤ 9 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-S (OL A) REVISI PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

____ FEB
____ MONTH

HOURS (L, S, T,)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
4/ 3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

PSYCHROMETRIC SUMMARY

63-72, 73-79

FE -
MOMIN

PAGE 1 2600-0800
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

FF
MONTH

PAGE 7 5600-0907
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
4/ 3																						3
2/ 1																						16
0/ -1																						5
-2/ -3																						2
-4/ -5																						2
TOTAL	12.436	2.33	1.14	.5	3.5	.5													846	846	846	846
												</										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

66-70, 73-79
YEARS

FEB
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry B lb	Wet Bulb	Dew Point				
80/ 79				.1														1			1			
78/ 77			.1															1			1			
76/ 75			.1			.2												3			3			
74/ 73		.1																1			1			
72/ 71		.1		.1		.2		.1										5			5			
70/ 69		.2	.4	.1					.1									7			7			
68/ 67	.1	.5	.6		.4		.1											14			14			
66/ 65	.4	.1	.4	.1		.2		.2										12			12			
64/ 63	.1	.7	.4	.4	.1	.1												15			15			
62/ 61	.2	.2	.8	.7	.7	.1	.1	.4										28			28			
60/ 59	.2	.4	.4	.4	.2	.6	.2	.1	.1									22			22			
58/ 57	.1	.8	.5	.5	.8	.5	.4	.1										31			31			
56/ 55		.2	.6	.4	.7	.8	.4	.2										28			28			
54/ 53	.1	.7	.5	.4	.9	.6	.4											30			30			
52/ 51	.1	.6	.7	.5	.9	.6	.7	.1										32			32			
50/ 49	.2	.7	.9	.7	1.3	.9	.5											47			47			
48/ 47	.4	.4	.9	1.3	1.3	1.3	.2											49			49			
46/ 45	.1	.9	1.2	1.1	2.1	.8	.4											56			56			
44/ 43		.9	1.4	1.7	1.8	.8												56			56			
42/ 41	.4	.5	.9	2.1	1.9	.7	.1											56			56			
40/ 39	.2	1.5	1.9	2.1	1.3	.8												64			64			
38/ 37	.7	1.5	1.2	1.5	2.0	.2												61			61			
36/ 35		.7	.7	1.4	1.8	.1												40			40			
34/ 33	.1	.4	1.7	.7	1.1	.1												34			34			
32/ 31	.5	.9	.9	2.6	.9	.1												51			51			
30/ 29	.1	1.1	.8	1.4	.4													32			32			
28/ 27		.4	.9	1.8														26			26			
26/ 25	.1	.8	1.2	.8														21			21			
24/ 23		.2	.4	.9														13			13			
22/ 21			.2	.1														3			3			
20/ 19		.5																4			4			
18/ 17		.1																1			1			
16/ 15																								
14/ 13																								
Element (X)	Z _X ²		Z _X		X		X ²		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 44 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

Feb
MONTH

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
11/ 11																								
11/ 9																								
8/ 7																								
6/ 5																								
4/ 3																								
2/ 1																								
0/ -1																								
-2/ -3																								
-4/ -5																								
-6/ -7																								
TOTAL	4.3	15.9	20.4	23.9	20.5	10.1	3.7	1.1	.2										344	346	344			

PSYCHROMETRIC SUMMARY

YEARS

335

PAGE 1

1230-1403

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

753
MONT

PAGE 2 1203-1400
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
14/ 13																								
12/ 11																								
10/ 9																								
8/ 7																								
6/ 5																								
4/ 3																								
2/ 1																								
0/ -1																								
-2/ -3																								
TOTAL	7.6	9.9	9.5	13.1	16.4	19.7	15.4	8.6	4.1	2.0	.5								846	346	845			

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (01 A)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 2 1500-1700
HOURS 11-5-1

PSYCHROMETRIC SUMMARY:

YEARS

FEZ
MONTH

PAGE 1 1650-2700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
75/ 77				.1														1	1													
74/ 73			.1	.1			.2			.1								5	5													
72/ 71					.2	.1	.1											4	4	1												
71/ 69					.3	.1	.1		.2	.4								5	6	1	1											
68/ 67		.1	.4	.2	.1	.4		.1										11	11	1	1											
66/ 65	.2	.7	.1	.4	.6		.1	.4										21	21	5	3											
64/ 63	.5	.6	.2	.6	.7	.4	.1											26	26	16	10											
62/ 61		.4	.4	.7	.5	.1	.5	.4	.2									26	26	12	10											
57/ 59		.5	1.3	.5	1.2	.4	.4	.7	.2									43	43	16	4											
55/ 57	.4	.5	.4	.8	.4	.9	.7	.7	.2									38	38	24	13											
56/ 55	.2	.9	.4	.7	.2	.8	1.3	.1	.1									41	41	28	24											
54/ 53	.4	.7	.2	.4	.6	.8	1.7	.2										42	42	31	19											
52/ 51		.1	.7	.8	.3	1.4	.9	.2										43	43	30	25											
51/ 49	.5	.5	.2	1.1	1.8	1.5	.6											54	54	24	15											
48/ 47	.1	.1	.4	1.2	1.4	1.9	1.1	.1										53	53	23	22											
46/ 45		.6	1.5	1.5	1.5	1.4	.5											60	60	41	16											
44/ 43		.2	1.1	.9	1.5	2.0												49	49	58	17											
42/ 41	.4	.2	.7	.9	1.5	1.2	.2											44	44	65	16											
41/ 39	.1	.2	1.5	1.1	1.9	.8												48	48	59	26											
38/ 37	.6	.8	.9	1.3	1.7	1.8												56	55	64	27											
36/ 35	.2	1.4	.6	.9	2.2	.7												52	52	66	45											
34/ 33	.4	.4	.5	1.8	.8	.4												35	35	67	45											
32/ 31	.1	.6	.9	1.9	.8													37	37	37	45											
30/ 29	.1	.1	1.4	1.1	.6													28	28	43	54											
28/ 27		.2	.5	.5														10	10	50	49											
26/ 25		.1	.6	.5														10	10	38	44											
24/ 23	.1	.1	.1															3	3	26	35											
22/ 21																				12	33											
20/ 19		.1																1	1	2	48											
18/ 17																				1	34											
16/ 15																					36											
14/ 13																																

PSYCHROMETRIC SUMMARY

68-75, 73-76

FF:

PAGE 7 18CG-2007
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
0/ 7																								
1/ 6																								
2/ 5																								
3/ 4																								
4/ 3																								
5/ 2																								
6/ 1																								
7/ -1																								
TOTAL	4.3	10.3	15.1	20.1	22.0	16.5	6.7	3.7	1.1	.2								846	846	846				

PSYCHROMETRIC SUMMARY

YFARS

FEB
MONTH

PAGE : 2130-2300
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

63-70, 73-79

5 FEB
MONTH

PAGE 2 2ACU-2300
MOUPS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

FEB
MONTH

ALL
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
66/ 85																			1	1																
63/ 81																			3	3																
61/ 79				.0															10	10																
70/ 77			.0	.0															14	14																
76/ 75			.0		.0														20	22																
74/ 73		.5	.0	.1															25	25																
72/ 71		.1	.1	.2	.1														41	41	9	10														
70/ 69		.2	.1	.0	.1	.2	.1												67	67	13	11														
68/ 67	.0	.3	.2	.1	.1	.2	.1	.1	.0	.1									94	94	24	13														
66/ 65	.2	.4	.2	.1	.2	.1	.2	.1	.2	.2									133	133	58	45														
64/ 63	.3	.3	.3	.3	.2	.2	.1	.2	.2	.1									142	142	79	59														
62/ 61	.1	.5	.5	.4	.3	.1	.2	.4	.3	.1									196	196	79	44														
60/ 59	.3	.7	.6	.2	.3	.3	.3	.3	.3	.3									224	224	142	69														
58/ 57	.2	.8	.5	.4	.5	.3	.7	.4	.1										241	241	152	97														
56/ 55	.1	.6	.5	.4	.4	.5	.4	.5	.0										231	231	165	140														
54/ 53	.2	.6	.4	.4	.5	.7	.6	.3											250	250	183	109														
52/ 51	.3	.4	.6	.5	.5	.6	.7	.2											255	255	171	157														
50/ 49	.3	.8	.7	.8	.9	.9	.7	.3											365	365	212	139														
48/ 47	.3	.8	.6	.9	1.0	.9	.4	.2											341	341	267	139														
46/ 45	.1	.7	1.2	.9	1.0	.8	.3	.0											342	342	293	148														
44/ 43	.1	.6	1.3	.9	.9	.8	.2	.0											323	324	338	135														
42/ 41	.3	1.0	1.1	1.2	1.2	.7	.2												385	385	395	187														
40/ 39	.3	1.4	1.6	1.2	1.1	.8	.1												446	446	444	209														
38/ 37	.5	1.6	1.4	1.2	1.0	.7	.1												442	443	463	257														
36/ 35	.5	1.3	1.5	1.6	1.3	.3													438	438	484	367														
34/ 33	.2	1.0	2.0	1.4	.9	.2													373	373	445	315														
32/ 31	.4	1.8	1.4	1.4	.9	.1													384	384	439	379														
30/ 29	.4	.7	1.5	1.2	.3														275	275	481	359														
28/ 27	.4	.7	1.3	.9	.1														228	228	383	382														

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC

58-70.73-79

YEARS

FEB
MONTH

PAGE 7

ALL
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
10/ 15	.1	.1																6	8	4	245
14/ 13	.1	.1																9	9	11	253
10/ 11	.1																	4	4	6	223
10/ 8	.0																	1	1	1	159
8/ 7																					137
6/ 5																					87
4/ 3																					67
2/ 1																					72
1/ -1																					51
-1/ -3																					16
-4/ -5																					7
-6/ -7																					2
TOTAL	6.3	20.2	22.2	21.7	5	13.5	9.4	5.2	3.3	1.5	.7	.1	.1					6766	6768		6766
																		6766		6756	
Element (X)	Z _X ¹	Z _X	X	C _X	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	28891781	417019	61.6	21.7	6766	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb	13939557	295187	43.6	12.5	6768		135.4	27.3	7.2	.8											
Wet Bulb	10794954	258836	38.3	11.4	6766		232.7	5.3	.7												
Dew Point	7467189	200937	29.7	14.8	6766	7.5	408.8	3.4													

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC

68-7C, 73-79

MA J

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2670-C240
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73				.3														3	3		
72/ 71		.1																1	1		1
70/ 69	.1	.2	.3	.3	.2	.1												12	12	4	2
68/ 67	.1	.3	.5	.4	.4	.1		.1										15	15	4	2
66/ 65	.9	.9	.5	.5	.2		.1											29	29	18	13
64/ 63	.1	1.0	1.3	.1				.1										24	24	19	10
62/ 61	.4	1.9	.9	.8	.5	.3												45	45	27	31
60/ 59	.9	1.3	1.0	.6	.6	.1	.2											44	44	42	29
58/ 57	.5	1.0	.5	.6	.6	.2	.2	.2										37	37	29	39
56/ 55	1.1	2.0	1.9	1.6	.2	.5	.3											70	70	39	33
54/ 53	.4	1.1	1.6	.5	.5	.3	.2											44	44	44	20
52/ 51	.2	1.5	1.3	.4	1.3	.5	.3											52	52	46	36
50/ 49	1.1	2.9	2.8	1.5	1.0	.9	.2											91	91	65	51
48/ 47	.2	2.6	1.3	2.0	.6	.8												70	77	55	36
46/ 45	.6	2.7	2.7	.9	.8	.1												72	72	76	61
44/ 43		1.9	1.6	1.4	1.													55	55	64	66
42/ 41	.2	1.1	2.5	1.4	.4	.1												53	53	79	41
40/ 39	.1	1.4	1.5	1.1	.5	.2												45	49	56	35
38/ 37	.1	1.4	2.3	1.2	.4													50	50	58	48
36/ 35	.3	2.2	1.1	.8	.6													46	46	48	64
34/ 33		1.2	1.9	.6	.2													37	37	60	52
32/ 31	.1	.3	1.5	1.0	.3													28	28	37	61
30/ 29	.3	.1	.1	.1	.1													7	7	31	29
28/ 27																				23	43
26/ 25																				7	34
24/ 23																				3	28
22/ 21																					21
20/ 19																					12
18/ 17																					12
16/ 15																					20
14/ 13																					4
12/ 11																					1
10/ 9																					3
6/ 5																					3
Element (X)	Σx ²		Σx		Σ		Σ _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

 MAR
MONTH

PAGE 2 1200-0500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC

68-70, 73-79

HAZ
MONTH

PAGE 1 0600-0800
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
74/ 73				.1													1	1		
72/ 71			.1	.3													4	4		
70/ 69	.1	.3	.1														5	5	4	3
68/ 67	.2	.2	.5														9	9	5	3
66/ 65	.5	1.3	.4	.2													23	23	12	10
64/ 63	.9	.9	.3	.5		.1											25	25	26	18
62/ 61	.1	1.2	.5	.5	.4	.1											28	28	16	21
60/ 59	.5	1.3	1.7	.6	.2												41	41	20	17
58/ 57	1.6	1.4	1.3	.3	.6												49	49	44	27
56/ 55	1.5	1.4	1.0	.4	.1	.2											43	43	47	42
54/ 53	1.1	2.5	2.6	.4	.4	.3											79	70	52	42
52/ 51	.3	1.2	1.6	.6	.3	.2											40	40	36	36
50/ 49	1.1	1.8	1.5	1.1	.4	.4											59	59	57	51
48/ 47	.6	3.5	1.3	1.3	.1	.4											67	67	46	38
46/ 45	1.7	1.5	2.5	.6	.4	.3											66	66	66	58
44/ 43	.1	1.9	1.6	.8	.5												46	46	54	38
42/ 41	1.0	1.7	1.6	1.4	.9												61	61	58	48
40/ 39	.2	2.4	1.6	1.3	.5												56	56	55	34
38/ 37	.3	3.0	1.4	1.5	.3												61	61	54	50
36/ 35	.5	2.6	1.3	.8	.1												51	51	74	56
34/ 33	.2	1.8	1.5	1.1	.1												44	44	58	58
32/ 31	.5	2.4	1.2	.6	.1												46	46	42	49
30/ 29		.4	1.4	.4	.1												21	21	41	38
28/ 27		.5	.3	.2													10	10	27	40
26/ 25	.1	.2	.1														4	4	27	30
24/ 23																			6	28
22/ 21																			3	23
20/ 19																				22
18/ 17																				19
16/ 15																				9
14/ 13																				10
12/ 11																				6
10/ 9																				3
8/ 7																				2
Element (X)	Σx^2		Σx		\bar{x}		s^2		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 0-26-5 (OLA) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

Y A F
MONTH

PAGE 2 2600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA)
2899
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MONTH

PAGE 1 3900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MA 3
MONTH

PAGE 1 1600-1700
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (1) A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

00-7, 13-70

YEARS

MONTH

PAGE 2 1535-1742
H. H. S. (1-3-71)

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 100-2249
NO 195 U.S.T.

[illegible]

PSYCHROMETRIC SUMMARY

68-70, 73-79

YEARS

4AR
MONTH

PAGE 2 1876-2700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

DATE
MONTH
2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

145
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

_____ YEARS _____ MONTH

PAGE 1 ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

4A 5
MONTH

PAGE 7

ALL
HOURS 11 A.M. - 5 P.M.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC

68-7C, 73-79

YEARS

APP
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
76/ 75			.2																	2	2			
74/ 73			.3	.1	.2															5	5			
72/ 71		.3	.1	.8	.7	.1		.1			.1									20	20	2		
70/ 69		.2	1.4	.3	.4	.1		.2												26	26	8	4	
68/ 67	.2	1.7	1.1	1.1	1.0	.2	.1			.1										50	50	11	11	
66/ 65	.2	2.1	1.4	2.1	.6	.3	.1			.1										53	63	43	18	
64/ 63	.3	2.8	2.2	2.3	.6	.2	.2													73	78	36	31	
62/ 61	.3	3.1	1.6	1.3	1.0	.3	.2	.1												72	72	66	37	
60/ 59	.2	3.0	2.4	.9	.9	1.0	.4													80	90	39	58	
58/ 57	.1	1.4	2.0	1.4	1.2	.7	.1													63	63	67	66	
56/ 55	.2	1.1	2.6	1.0	.9	.2	.1													55	55	52	70	
54/ 53	.4	1.1	2.1	2.3	1.1	.6	.1													79	70	49	49	
52/ 51	.1	.7	2.7	1.0	1.1	.7	.2													57	57	64	32	
50/ 49	.3	1.1	2.7	1.9	1.3	.3	.1													70	70	66	53	
48/ 47		1.9	1.6	1.1	.7	.4	.2													53	53	78	43	
46/ 45	.3	1.4	2.3	1.2	.2	.3	.4													57	57	64	64	
44/ 43	.3	1.1	1.7	.7	.3	.1														38	38	61	57	
42/ 41	.1	.9	.3	.6	.2	.2														21	21	65	54	
40/ 39	.1	.3	.4	.1	.1															10	10	34	62	
38/ 37		.6	.3	.1																9	9	16	51	
36/ 35																						22	33	
34/ 33																						7	18	
32/ 31																							1	29
30/ 29																								26
28/ 27																								8
26/ 25																								5
24/ 23																								5
22/ 21																								4
20/ 19																								1
18/ 17																								6
16/ 15																								2
14/ 13																								3
TOTAL	3.4	24.5	29.6	20.4	12.4	5.9	2.4	.6		.2	.1									900	900	900	900	
Element (X)	Σx ¹		Σx		Σ		Σ _x		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.	5106037		66281		73.6		15.811		900		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90							
Dry Bulb	2919697		50713		56.3		8.313		900				10.4	.8			90							
Wet Bulb	2492437		46729		51.9		8.582		900				.1	2.1			90							
Dew Point	2136456		42720		47.5		10.995		900				8.9	1.5			90							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

APR
MONTH

PAGE 1 2300-0510
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

68-70, 73-79

102

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
75/ 75		.1		.2	.1													4	4													
74/ 73		.2	.3	.3	.1		.1											10	17	1	1											
72/ 71		.1	1.1	.3	.3	.1	.1											18	18	4	1											
73/ 69		.7	1.0	.7	.3			.1										25	25	7	4											
68/ 67	.2	.9	1.0	.3	.3	.3												28	28	22	12											
66/ 65	.7	1.9	1.3	1.1	.9	.2												55	55	34	24											
64/ 63	.6	2.7	1.2	1.8	.2			.1										59	59	39	28											
62/ 61	.7	3.3	1.3	1.3	.7	.2												68	68	55	47											
60/ 59	1.1	3.2	2.4	1.2	.7	.6												83	83	68	51											
58/ 57	.9	2.2	1.9	.8	.3	.3	.3											61	61	74	65											
56/ 55	.2	2.0	1.9	1.6	.9	.7												65	65	63	54											
54/ 53	.2	.8	1.9	1.8	.9	.8	.1											58	58	48	46											
52/ 51	.3	2.2	3.3	1.3	.9	.3	.1											77	77	46	51											
50/ 49	.3	1.8	2.3	.9	1.2	.7												65	65	54	52											
48/ 47		1.9	2.0	2.1	1.1	.2												66	66	77	47											
46/ 45	.1	1.4	1.7	1.2	.3	.4												47	47	63	55											
44/ 43	.2	2.1	1.0	.4	.8	.1												42	42	59	47											
42/ 41	.1	1.6	.2	.7	.6	.2												30	30	65	52											
40/ 39	.2	.7	.4	.6	.3	.1												21	21	37	55											
38/ 37	.3	.3	.1															7	7	25	52											
36/ 35	.1	.6	.2															8	8	20	29											
34/ 33	.1	.2																3	3	12	33											
32/ 31																				6	28											
30/ 29																					20											
28/ 27																					10											
26/ 25																					11											
24/ 23																					6											
22/ 21																					5											
20/ 19																					8											
18/ 17																					3											
16/ 15																					2											
14/ 13																					1											
TOTAL	6.4	30.9	26.7	18.7	11.6	5.3	.8	.2										900	900	900	900											
Element (X)	Σx'		Σx		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.	5467709		68712		76.3		15.706		900		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb	2807100		49646		55.2		8.730		900						8.5		1.4						90									
Wet Bulb	2443356		46178		51.3		9.674		900						.6		3.4		.1				90									
Dew Point	2134692		42626		47.4		11.351		900						9.4		1.4		.1				90									

PSYCHROMETRIC SUMMARY

APR
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APG
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
25																					
23																					
21																					
19																					
17																					
15																					
13																					
TOTAL	.4	3.0	6.9	5.1	5.2	9.3	13.2	20.3	17.9	12.0	4.7	2.3	1.7	.4					9.0	9.0	9.0

Element (X)	ΣX²	ΣX	X̄	σ _x	No. Obs	Mean No. of Hours with Temperature							
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total	
Rel. Hum.	2248837	41991	46.7	17.950	900								
Dry Bulb	4526537	63263	70.3	9.410	900			56.5	39.7	17.2	.2		90
Wet Bulb	3075127	52113	57.9	8.329	900			12.6	1.5	.1			90
Dew Point	2137107	42549	47.3	11.817	900		10.9	3.6	.3				90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1113 SEYMOUR-JOHNSON AFB NC

68-70, 73-79

YEARS

MONTH

PAGE 1 1500-1700
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
25																																			
24																																			
23																																			
22																																			
21																																			
20																																			
19																																			
18																																			
17																																			
16																																			
15																																			
14																																			
13																																			
TOTAL	.1	3.0	4.0	5.8	6.0	6.9	8.7	14.6	15.8	17.7	8.7	4.1	3.9	.9	.2		9.0		9.0		7.0														

Element (X)	Σy	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1958255	38647	42.9	18.28	900							
Dry Bulb	4731134	64740	71.9	9.083	900			64.6	42.9	21.8	.2	97
Wet Bulb	3086875	52297	58.1	7.308	900			11.0	.7			97
Dew Point	2038459	41585	47.2	11.408	900			11.8	2.6	.3		97

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

10'
MONTH

PAGE 2 1600-2000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14713 SEYHOUR-JOHNSON AFB AC

68-73, 73-79

APP
MONTH

PAGE 1 2100-2300
HOURS (L, S, T,)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																															
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																												
79/ 79																																																																	
78/ 77																																																																	
76/ 75																																																																	
74/ 73																																																																	
72/ 71																																																																	
70/ 69																																																																	
68/ 67																																																																	
66/ 65																																																																	
64/ 63																																																																	
62/ 61																																																																	
60/ 59																																																																	
58/ 57																																																																	
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30/ 29																																																																	
28/ 27																																																																	
26/ 25																																																																	
24/ 23																																																																	
22/ 21																																																																	
20/ 19																																																																	
18/ 17																																																																	
16/ 15																																																																	
14/ 13																																																																	
Element (X)	Σ x²					Σ x					x̄					σ _x					No. Obs.					Mean No. of Hours with Temperature																																							
Rel. Hum.																										≤ 0 F					≥ 32 F					≥ 67 F					≥ 73 F					≥ 80 F					≥ 93 F					Total									
Dry Bulb																																																																	
Wet Bulb																																																																	
Dew Point																																																																	

20110
USAFETAC
FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

68-72, 73-79

YEARS

MONTA

PAGE 4

2106-2300
HOURS L. S. T. 1

[illegible]

USAFETAC
FORM
BX 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE CANCELLED

PSYCHROMETRIC SUMMARY

68-71, 73-79

YEARS

APR
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMET

YEARS

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1713 SEYMOUR-JOHNSON AFB NC

65-77, 73-77

YEARS

MAY
MONTH

PAGE 1 2060-0260
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
75/ 75			.5	.1	.2													8	8			
74/ 73		.5	.2	.6	.4													17	17			
72/ 71	.4	1.9	2.7	2.4	.5	.3												71	71	17	14	
70/ 69	1.0	4.8	5.6	1.3	.5	.2												125	125	41	22	
67/ 67	.5	4.9	5.5	1.2	1.1	.6												120	120	94	53	
66/ 65	.4	4.4	4.3	.5	.3	.2												95	95	130	92	
64/ 63	.2	4.1	2.8	1.0	.8	.1		.1										84	84	29	34	
62/ 61	.4	2.6	2.2	1.7	.4	.2												63	63	94	113	
60/ 5	.3	3.1	3.0	1.1	.6													76	76	75	76	
57/ 57	.6	3.4	2.4	1.0	.2	.4												75	75	81	77	
56/ 55	.3	2.9	1.7	1.2	.2													59	59	67	77	
54/ 53	.1	2.6	2.7	.4	.4	.1												59	59	71	58	
52/ 51	.1	1.1	1.1	.4														25	25	47	61	
50/ 49		1.3	1.1	.2														24	24	47	55	
48/ 47		.5	.5	.2														12	12	29	38	
46/ 45		.3	.2															5	5	21	39	
44/ 43		.1																1	1	6	19	
42/ 41		.2																2	2	5	17	
40/ 39																				1	15	
38/ 37																					7	
36/ 35																					6	
34/ 33																					1	
TOTAL	4.536	935	812	6	5.8	2.3		.1										930	930	930	930	
Element (X)	Σx²		Σx		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.	6493538		77745		82.810		914		930		± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F					93	
Dry Bulb	3712988		58430		62.8		6.720		930				35.0		2.5						93	
Wet Bulb	3355382		55500		59.7		6.826		930				15.3		.1						93	
Dew Point	3120783		53379		57.4		7.833		930				9.8								93	

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

20130

PSYCHROMETRIC SUMMARY

13713	SEYMOUR-JOHNSON AFB TX
STATION	STATION NAME

68-70, 73-79

4.8 Y
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

60-77, 72-79

FEARS

1, A
MONTH

PAGE 1 44-38861-254
FBI - NEW YORK

[illegible]

0-26-5 (OLA)

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

65-71,73-79

YEARS

24
MONTH

PAGE 7 22-1165
HOURS (L.S.T.)

PSYCHROMETRIC SUMMARY

68-77, 77-79

YEARS

MAY
MONTH

PAGE 2 122-1422
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

65-72, 73-79

YEARS

MAY
MONTH

PAGE 1 15CG-1740
HOURS 11 5 7

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 2 15-10-1725
HOURS (L.S.T.)

JSAFETAC FORM 0-26-5 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

66-77, 73-79

YEARS

 MAY
MONTH

PAGE 7 1600-2000
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB AC

66-70, 73-79

YEARS

JUN
MONTH

PAGE 1 0000-0200

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		
81			.6															5	5																	
79		.3	.7	.4	.7													23	23	1																
77		1.3	1.6	.1	.4													31	31	17	3															
75		2.6	3.6	1.7	.7													70	70	30	15															
73	.4	7.3	5.3	1.9	.2		.1											138	138	71	53															
71	1.2	10.8	5.2	1.4	.2	.1	.1											172	172	132	115															
69	.6	7.1	6.8	1.7	.2	.2	.1											150	150	162	125															
67		3.4	4.4	1.7	.7	.1												87	87	114	129															
65	.1	4.9	2.9	1.2	.3		.1											86	86	90	99															
63		3.1	1.1	1.4	.3	.1												55	55	90	89															
61		2.0	2.6	.4	.2													47	47	63	83															
59	.2	1.0	1.0	.1		.1												12	22	54	54															
57		.4	.4	.1	.1													10	10	42	37															
55		.1	.2		.2													5	5	12	44															
53			.1															1	1	12	19															
51			.1															1	1	2	15															
49																				5	9															
47																					1															
45																					5															
43																					4															
TOTAL	2.644	4.436	6.110	4.3	.7	.4												900	900	900	900															

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6662163	76985	85.5	9.131	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4395619	62741	69.7	4.925	900			67.3	26.4	1.4		90
Wet Bulb	404857	60173	66.9	5.326	900			52.7	11.2			90
Dew Point	3854746	58632	65.1	6.246	900			44.0	7.1			90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE : 0373-0500
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
70 / 70				.6	.1	.1												7	7				
75 / 77		.9	1.0	.1	.2	.1	.1											22	22	1			
76 / 75	.1	3.3	1.2	.4	.1													47	47	1			
74 / 73	.7	6.1	2.3	.8	.1													90	90	7	51		
72 / 71	1.9	10.2	4.8	.3	.1													156	156	117	96		
7 / 69	1.1	10.0	6.2	.4	.2													162	162	124	135		
60 / 67	.7	6.2	4.1	1.0	.1	.1												110	110	143	130		
66 / 65	.4	4.8	2.1	.7	.4	.3												80	87	112	115		
64 / 63	.1	7.5	1.6	.3														85	85	79	60		
62 / 61		3.1	1.8	.4														48	45	84	84		
60 / 59	.2	2.3	2.0	.2	.7	.1												47	47	53	61		
58 / 57		1.3	1.2	.3														26	26	45	55		
50 / 55		.7	.8															13	13	29	38		
54 / 53				.3														3	3	19	27		
52 / 51		.1	.2															3	3	9	16		
50 / 49																				3	14		
48 / 47																					7		
40 / 45																					3		
44 / 43																					2		
42 / 41																					2		
TOTAL	5.3	56.6	29.4	6.0	1.8	.8	.1											899	899	899	899		

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

PSYCHROMETRIC SUMMARY

68-72, 73-79

YEARS

30
MONTH

PAGE 1 2100-2310
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. Wet Bulb	Wet Bulb	Dew Point											
3/ 99												.1						1	1												
8/ 97										.1	.1	.1	.1	.1				21	13												
16/ 95									.1	.1	.1	.1	.1	.1				29	23												
4/ 93						.1		.1	.2	.2	.2	.1						55	38												
22/ 91					.1	.1	.2	.4	.4	.3	.2	.1	.1					122	122												
7/ 89				.1	.1	.2	.3	.5	.5	.5	.4	.2	.1	.1				175	175												
28/ 97			.1	.1	.2	.7	.9	.7	1.2	.4	.2	.1						316	316												
6/ 85			.1	.1	.6	1.7	.9	1.5	.8	.4	.1							397	397												
4/ 83	.1		.1	.6	.9	1.1	1.1	.9	.6	.2								391	391	8											
2/ 81			.6	.8	1.5	1.5	.8	.7	.6	.2	.1							453	453	24											
2/ 79		.2	.9	2.1	1.5	1.4	.8	.9	.4	.1	.1							586	586	104											
7-7 77		.9	2.3	1.2	1.9	.6	.6	.4	.4	.1								582	582	301											
5/ 75	.1	2.7	2.4	1.6	1.2	.6	.2	.4	.3	.1								686	686	206											
24/ 73	.3	4.1	2.6	1.7	.7	.3	.3	.2	.1	.1								737	737	1108											
73/ 71	.6	4.3	3.0	1.1	.6	.4	.2	.2	.1									735	735	1109											
73/ 69	.4	3.5	3.7	.9	.4	.2	.1	.1	.1									622	622	1047											
6-7 67	.2	2.7	2.5	.7	.3	.2	.1		.1									433	433	878											
6-7 65	.1	1.9	1.2	.6	.3	.1	.1	.1										315	315	676											
34/ 63	.3	1.8	.6	.4	.1	.1	.1											220	220	477											
27/ 61		1.0	.7	.2	.1	.1	.1											141	141	364											
6-7 59	.1	.6	.5	.1	.1	.1												98	98	240											
5-6 57		.3	.3	.1	.1													44	44	162											
55/ 55		.1	.1	.1	.1													23	23	83											
54/ 53			.1	.1														4	4	52											
52/ 51		.1																5	5	21											
5-7 49																				11											
45/ 47																				3											
46/ 45																															
44/ 43																															
42/ 41																															
40/ 39																															
38/ 37																															
TOTAL	1.7	23.4	20.9	12.3	9.9	8.5	6.5	7.1	5.7	2.5	1.7	.4	.																		

USAFETAC FORM 0-26-5 (11 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (Q1 A)

PSYCHROMETRIC SUMMARY

YEARS

July
MONTH

PAGE 1 0000-1200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point												
77/81							.1													1	1													
78/87							.1													1	1													
80/85						.2	.7													4	4													
84/80		.1		.1	.7															5	5													
87/81			.3	.6	.7															12	12	1	1											
91/79		1.2	1.7	1.5	.5	.1														47	47	4	4											
92/77		3.4	4.3	1.7	.9															89	89	7	7											
96/75	.9	1.8	7.1	2.6	.3															211	211	122	94											
94/73	.6	1.1	6.7	2.7																219	219	219	161											
92/71	1.7	9.5	5.5	.9	.2															162	162	277	215											
91/69	.4	5.1	2.9	.9		.7														58	58	169	181											
96/67	.2	2.3	2.7	.4		.7														48	43	86	121											
96/65	.1	1.9	.4	.1																24	24	46	75											
94/63		.9	.6																	14	14	41	49											
92/61		.3	.1																	4	4	14	21											
91/59		.1																		1	1	13	21											
90/57																						1	7											
96/55																							5											
94/53																							3											
TOTAL	4.7	50.6	31.8	9.9	2.8	.9	.1														930	930	930											
																					930		930											

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 1 2300-4500
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
4/ 63																																		2	2		
4/ 61							.4																										8	8			
4/ 79				.9		.6																											15	15			
7/ 77		2.5	1.8		.1																												42	42			
6/ 75	.8	1.5	5.1	2.7																													181	181	76	41	
4/ 72	2.4	13.7	5.3	3.2																													219	219	154	127	
2/ 71	1.9	12.6	5.4	.2																													188	188	209	191	
4/ 69	1.1	8.4	2.7	.2																													117	117	135	249	
6/ 67	.4	4.0	1.7	.2																													61	61	109	122	
6/ 65	.6	2.9	1.2																														47	47	60	93	
4/ 63		2.3	.4																														25	25	42	57	
2/ 61			.8	.6																													13	13	22	22	
4/ 59		1.0	.1																														10	10	15	27	
5/ 57		.2																															2	2	17	14	
5/ 55																																				1	
4/ 53																																					
2/ 51																																					
TOTAL	7.2	59.7	25.2	6.0	1.2																													930	930	930	

USAFETAC FORM 0-26-5 (OLA)

USAFETAC FORM 0-26-5 (OL A)

FORM

USAFETAC

PSYCHROMETRIC SUMMARY

63-72, 73-70

YEARS

MONTH

PAGE 1 2920-1123
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

PAGE 1 1230-1427
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

66-70, 73-79

YEARS

311
MONTH

PAGE 1 1670-2000
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

63-77, 78-79

YEARS

20 JUL 1964

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (°F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
89																		3	3						
87																		3	3						
85																		8	9						
83			.1	.1	.4	1.7	.1	.1										17	17						
81			.6	1.8	2.6	1.6	.4											66	66	3	7				
79			1.5	4.8	3.3	1.7	.5											111	111	14	3				
77			4.3	6.6	3.9	1.4												150	150	52	15				
75	.6	9.6	9.9	2.7	1.1	.5												227	227	165	91				
73	.8	9.0	5.2	3.1	.9	.1	.3											177	179	236	179				
71	.2	4.8	2.9	1.1	1.1	.3	.2											98	98	204	231				
69	.2	1.5	1.5	.9	.1		.1											42	42	116	168				
67	.1	.5	1.1	.4	.1		.1											21	21	62	62				
65		.1	.2	.1														4	4	39	39				
63		.1	.1															2	2	23	39				
61																				3	26				
59																				2	17				
57																				2	8				
55																					5				
53																					3				
51																					2				
49																					1				
TOTAL	1.7	32.3	34.1	116.5	9.1	2.7	1.4	.1											929	929		929			

PSYCHROMETRIC SUMMARY

YEARS

561.
MONTH

ALL
HOURS (L, S, T)

PSYCHROMETRIC SUMMARY

63-70, 73-74

YEAR!

MONT

SA 57 320-0507
HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
3/ 91			.1															1	1																
4/ 79			.5	1.3	.8	.3												24	24	2	1														
75/ 77		.5	3.4	3.8	.9	.7												23	23	1	9														
6/ 75		1.4	9.6	4.5	1.4													117	157	93	23														
4/ 73		2.4	16.9	2.6	.1	.1	.1											276	236	231	157														
2/ 71		3.4	13.5	3.0	.2		.1											189	159	232	243														
75/ 69		1.2	6.5	1.3	.5	.1												86	86	141	156														
64/ 67		.4	6.3	.8		.1	.1											72	72	67	112														
66/ 65		.3	2.8	1.7	.1		.1											47	47	65	86														
54/ 63		.1	1.3	.2	.1	.2												18	18	39	31														
62/ 51			.9	.8	.1	.1												17	17	74	10														
5/ 59			1.3	1.2	.1													24	24	15	27														
55/ 57			.6	.4														10	10	50	16														
56/ 55																				17	20														
44/ 53			.1	.2														3	3	4	17														
52/ 51																					5														
5/ 49																					7														
43/ 47																					3														
TOTAL	9.863	9.920	3	4.3	1.3	.4												930		931	937														

PSYCHROMETRIC SUMMARY

66-70, 73-74

YEARS

 AUG
MONTH

PAGE 1

2600-0850
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC

68-70, 73-79

AND
MONTH

PAGE 1 0903-1100
HOURS (L, S, F)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
96/ 95									.1	.1								2	2					
94/ 93								.5	.3	.3								12	12					
92/ 91						.2	.9	.5	.5	.1								22	22					
90/ 89				.1	.4	1.7	1.7	1.6	.3									55	55					
88/ 87				.5	1.8	4.7	1.4	.3		.1								76	76					
86/ 85				1.7	4.6	3.7	1.3	.5										110	110					
84/ 83			1.2	5.2	5.1	1.7	1.3	.5										132	132	1				
82/ 81		.4	2.7	6.7	3.5	2.7	.5	.1		.1								144	144	22	2			
80/ 79	.1	.3	4.5	3.4	1.4	1.8	.6	.3	.1									118	118	97	16			
78/ 77	.1	1.2	3.2	2.5	1.1	.2	.6	.1	.1									85	85	205	52			
76/ 75	.1	1.8	2.0	1.2	.5	1.2	.8	.1	.1									73	73	215	165			
74/ 73	.2	.9	1.6	.9	.2	.5	.4	.3	.1									53	53	147	194			
72/ 71	.1	.8	.7		.5	.2	.5	.1										25	25	80	179			
70/ 69		.6		.2	.1	.4	.1	.1										15	15	57	94			
68/ 67			.3	.2		.1												6	6	30	71			
66/ 65		.1			.1													2	2	26	43			
64/ 63																				20	23			
62/ 61																				17	24			
60/ 59																				6	21			
58/ 57																				5	10			
56/ 55																					9			
54/ 53																					12			
52/ 51																					8			
50/ 49																					4			
48/ 47																					2			
46/ 45																					1			
TOTAL	.6	6.1	16.0	21.9	20.5	17.1	10.2	5.5	1.7	.8								930	930	930	930			

USAFETAC FORM 0-26-5 (OL A) REVISÉ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

ALL MONTH

PAGE 1 1200-1420
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point				
100/ 99													.3	.2				5	5					
98/ 97												.6	.4	.1				15	15					
96/ 95										1.8	1.8	1.2						49	49					
94/ 93								.2	1.6	2.3	2.0	.4						61	61					
92/ 91							.3	1.7	2.9	2.2	1.2	.1						78	78					
90/ 89							1.3	3.7	5.2	1.3	.5							111	111					
98/ 87						.9	3.3	4.4	1.6	1.1	.5	.3	.1					114	114					
96/ 85			.1	.3	1.8	2.8	1.9	2.5	.9	.3	.3							172	162					
94/ 83			.3	1.6	2.6	1.6	2.2	1.1	.6	.1								94	94	1				
92/ 81		.1	.6	1.8	2.7	1.3	.9	1.3	.6	.8	.1							89	89	21				
90/ 79		.5	1.2	1.5	.8	.8	.3	1.1	.5	.6	.2							70	70	95				
98/ 77		.6	.9	.3	.9	.1	.2	.1	.3	.1	.1							34	34	215				
96/ 75		2.2	1.2	1.6	.3	.2		.3		.1								55	55	199				
94/ 73		1.4	.9	.3		.1		.2										27	27	141				
92/ 71	.1	1.0	.3	.3														16	16	98				
90/ 69	.1	.3	.3															7	7	66				
98/ 67	.1	.1																2	2	37				
96/ 65																				27				
94/ 63		.1																1	1	19				
92/ 61																				10				
90/ 59																				5				
98/ 57																								
96/ 55																								
94/ 53																								
92/ 51																								
90/ 49																								
98/ 47																								
96/ 45																								
94/ 43																								
TOTAL	.3	6.3	5.8	7.8	9.2	11.8	15.5	18.1	11.8	8.4	3.4	1.1	.3					930	930	930				
																		930		930				
Element (X)	Σx²		Σx		X	n	No. Obs.		Mean No. of Hours with Temperature															

PSYCHROMETRIC SUMMARY

YEARS

ALL
MONTH

PAGE 1 16CL-2700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY:

AUG
MONTH

2100-2300
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE ' 3075-7200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

67-70, 73-74

PAGE : 100-1477
HOURS : 5-11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	C	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
50/ 95											.1							1	1															
44/ 93										.7	.5	.1	.1					15	17															
47/ 91									.7	.8								21	21															
47/ 89					1	.1	.4	1.2	3.6	1.4	.9							70	73															
38/ 87						.4	1.3	4.1	2.1	1.7	.2	.1						84	84															
38/ 85				.2	.9	3.2	2.3	2.2	1.1	.6	.1							76	85															
34/ 83			.1	.8	1.7	1.4	3.7	2.7	2.3	.6	.4	.2						125	125	1														
32/ 81			.6	.8	1.3	2.2	2.7	2.7	.9	.7	.3	.1						110	117	1	1													
30/ 79		.2	.4	.3	1.4	3.2	2.3	1.6	1.3	.2	.1							101	101	22														
73/ 77		1.0	.6	.3	.8	.7	.9	1.4	1.1	.2	.1							64	64	87	5													
76/ 75	.3	.6	.9	1.1	.4	.6	.4	1.1	.9	.2								59	59	131	43													
74/ 73	.2	.4	1.7	.8	.1	.3	.2	1.7	.6	.1								43	43	115	67													
72/ 71		.2	.9	.3	.3	.8	.1	.4	.1									20	29	176	79													
70/ 69		.3	.7	.4	.3	.1	.6	.8										29	29	116	103													
68/ 67		.1	.1	1.1	.4	.3	.3	.3										25	25	82	96													
66/ 65			.4	.3	.1		.1	.2										13	13	56	109													
64/ 63		.6	.1	.1	.2													9	9	49	70													
62/ 61		.2	.2	.1	.1		.1											7	7	54	64													
60/ 59		.2	.1															3	3	27	63													
50/ 57						.1												1	1	32	31													
50/ 55																				11	51													
44/ 53																				2	26													
42/ 51																				2	22													
40/ 49																				1	35													
43/ 47																				1	15													
40/ 45																					11													
44/ 43																					10													
42/ 41																					3													
40/ 39																					2													
38/ 37																					5													
36/ 35																					1													
TOTAL		.6	3.9	6.1	6.8	9.0	14.8	19.1	20.8	12.7	5.1	1.3	.4						907	900	900													
																		900		900														
Element (X)	Σx'		Σx		Σ		Σ ²		No. Obs.		Mean No. of Hours with Temperature																							
Rel. Hum.	3198481		52011		57.8		14.643		900		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total															
Dry Bulb	5909926		72668		80.7		6.880		900		86.7		78.4		57.5		1.1		900															
Wet Bulb	4428318		62902		69.9		6.013		900		66.3		35.7		.6				900															
Dew Point	3718898		57392		63.8		8.106		900		38.7		10.9		.3				900															

PSYCHROMETRIC SUMMARY

67-72, 75-78

YEARS

SEP
MONTH

PAGE 1 1500-2000
HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

5 F 2
MONTH

PAGE 1 210J-2302
HOURS (L. S. T.)

[illegible]

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 100-100

PSYCHROMETRIC SUMMARY

YEARS

CC
MONTH

PAGE 1

0000-0220
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

67-70, 73-79

25
MONTH

PAGE 1 7600-C8-5
HOURS (L, S, T, J)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

0900-1100
HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 2 7900-1102
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point		
TOTAL	1.0	13.2	17.2	19.6	16.6	15.9	13.0	5.2	1.0	.4								93.7	93.7	93.7	93.7		

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

UCT
MONTH

PAGE 1 1276-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

30
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

17713
STATIS

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-74

CCT

PAGE 1 1500-1700
HOURS (11-5-1-)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

20
MONTH

PAGE 7 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

503
MONTH

1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

ALL
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

307
MONTH

Page 2

ALL
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

2845
USAFETAC FORM 100-10

PSYCHROMETRIC SUMMARY

61-70, 73-78

Y E A R S

42V
MONTH

PAGE 2 0300-0500
HOURS (L, S, T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

NOTE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC

67-70, 73-78

NOV
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
72/ 71	.3		.1															4	4	5							
75/ 69	.6	.7	.2															13	13	5	5						
68/ 67	.8	.1	.6	.1	.1													15	15	14	11						
66/ 65	.4	1.3	.7	.2														24	24	13	17						
64/ 63	.4	1.2	.2		.1													19	18	15	13						
62/ 61	.4	2.2	.7		.1													31	31	33	17						
60/ 59	.9	3.7	1.1	.1														52	52	34	35						
58/ 57	1.7	3.3	.6	.2														46	46	51	57						
56/ 55	.2	3.2	.6	.1	.1													36	38	46	49						
54/ 53	.3	3.1	1.7	.2														42	42	26	36						
52/ 51	.2	2.1	.8	.6	.2													35	35	39	38						
50/ 49	.4	4.0	1.4	.3	.2	.1												59	59	42	31						
48/ 47	.4	2.2	1.4	.7	.3	.2												48	48	46	41						
46/ 45	.3	1.8	1.4	1.0	.1													42	42	43	34						
44/ 43	.4	3.2	2.0	1.0	.1													61	61	39	26						
42/ 41	.1	2.9	2.4	1.0														58	58	58	49						
40/ 39	.1	2.7	2.4	.8	.3													57	57	57	35						
38/ 37	.1	3.9	1.7	.4	.1													56	56	48	42						
36/ 35	.2	2.3	1.4	.4	.3													43	43	73	49						
34/ 33		2.1	1.4	.4														36	36	43	43						
32/ 31	.1	2.3	1.0	.4														35	35	37	54						
30/ 29	.1	1.9	1.3	.3														23	33	39	50						
28/ 27	.1	1.1	.6	.1														17	17	34	34						
26/ 25		1.4	.4															17	17	21	31						
24/ 23		1.0	.4															13	13	22	24						
22/ 21		.2	.2															4	4	11	26						
20/ 19		.3																3	3	4	22						
18/ 17																				4	19						
16/ 15																					9						
14/ 13																					2						
12/ 11																					9						
10/ 9																					6						
8/ 7																					3						
6/ 5																					1						
Element (X)	Z _X ¹		Z _X		X		e _x		No. Obs.		Mean No. of Hours with Temperature						Total										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

67-77, 73-78

MCV
MONTH

PAGE 2 7622-0800
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC

67-70, 73-75

NOV
MONTH

PAGE 1 1980-1137
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
92/ 91						.1												1	1						
88/ 79					.1	.1	.1	.4										7	7						
78/ 77					.6	.2		.1										2	2						
76/ 75			.2	.2	.1	.3	.2	.1										11	11						
74/ 73		.1	.2	.2	.2	.3	.2	.2	.1									15	15	2	1				
72/ 71	.7	.2	.4	.6	.3	.3												23	23	19	8				
70/ 69	.2	.1	.6	.9	.4	.3	1.7	.1										33	33	14	4				
68/ 67	.2	.7	.8	.7	1.9	.1	.6	.1										45	45	18	9				
66/ 65	.2	1.1	.7	.3	.4	.4	.7	.3	.1	.1								40	40	33	17				
64/ 63	.2	1.7	1.0	1.2	1.1	.4	.3	.1	.2									57	57	30	42				
62/ 61	.2	1.8	.9	.7	.8	.1	.4	.3										47	47	42	47				
60/ 59	.4	2.2	1.0	1.1	1.6	.8	.7	.4	.1									75	75	55	31				
58/ 57	.1	1.1	1.8	1.3	.8	.9	.9	.2										64	64	49	41				
56/ 55		1.3	.9	1.2	.6	.8	.3											48	48	47	44				
54/ 53		.4	.9	.7	1.2	1.1	.8	.1										47	47	59	35				
52/ 51		1.2	1.2	1.4	1.3	1.4	.8	.2										69	69	40	35				
50/ 49		1.2	.4	1.2	1.4	1.2	1.1											60	60	58	51				
48/ 47	.2	1.3	1.0	1.6	1.0	1.0	.1											61	61	54	40				
46/ 45		.3	1.0	1.1	1.0	.8	.1											39	39	57	45				
44/ 43		.4	.9	.7	.9	.7												32	32	53	32				
42/ 41		.9	.6	.6	1.0	.8												34	34	57	28				
40/ 39		1.1	.3	1.1	.8	.2												32	32	63	34				
38/ 37		.4	.1	1.0	.4													18	18	42	56				
36/ 35		.1	.6	.7	.1	.1												12	12	26	37				
34/ 33		.1	.2	.1	.3													7	7	26	43				
32/ 31			.4	.3	.3													9	9	29	38				
30/ 29																				11	32				
28/ 27			.3	.1														4	4	7	28				
26/ 25			.1	.1														2	2	3	22				
24/ 23																				6	25				
22/ 21																				2	32				
20/ 19																				1	19				
18/ 17																					14				
16/ 15																					9				
Element (X)	Σ X ²		Σ X		X		X ²		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum											≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

NOV
MONTH

STATION

STATION NAME

YEARS

MONTE

PAGE 7

1955-1165

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
14/ 13																										
12/ 11																										
10/ 9																										
8/ 7																										
6/ 5																										
TOTAL	2.6	18.0	16.2	19.1	19.6	12.7	8.3	2.9	.6	.1								90.0	90.0	90.0						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12713 SEYMOUR-JOHNSON AFB NC

67-70, 73-78

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1250-1401
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
88/ 87										.1	.1	.1							3	3				
86/ 85										.1	.2	.1							4	4				
84/ 83											.3								6	6				
82/ 81								.3	.3	.3	.1								16	16				
80/ 79				.3	.1	.4		.3	.6		.3								20	20				
78/ 77			.3	.4	.4	.1	.6	.4	.1	.1									23	23				
76/ 75		.3	.1	.3	.7	1.3	1.1	.2	.6	.3									45	45				
74/ 73			.1	.4	.4	1.1	1.1	1.2	.9	.6									52	52	13			
72/ 71			.4	.3	.7	1.1	.8	1.1	.4	.4									47	47	5			
70/ 69		.1	.4	.2	.3	.8	.4	1.1	.6	.4	.2								45	45	27			
68/ 67	.2	.3	.4	.4	1.1	.2	1.7	.9	.8	.9									63	63	30			
66/ 65	.1	.7	.8	.8	.8	.7	.9	.8	1.4	.2									64	64	49			
64/ 63		.9	.8	.2	.2	1.3	.9	.8	.3	.1									48	48	43			
62/ 61		.2	1.0	.3		1.2	1.6	1.3	.6	.1									57	57	52			
60/ 59	.3		.2	.6	.6	1.7	1.5	1.2	.6										54	54	62			
58/ 57		.9	.1	.2	.6	.9	1.2	1.9	.7										58	58	44			
56/ 55		1.0	.3	.3	.6	.8	2.1	1.4	.2										60	60	52			
54/ 53			.3	.2		2.1	1.3	1.3	.2										56	56	51			
52/ 51		.4	.3	.4	.3	.6	1.7	.6											37	37	59			
50/ 49	.3	.9	.1	.2	.9	.9	.7												36	36	64			
48/ 47		.3			.4	.3	1.3	.2											24	24	58			
46/ 45			.2			1.4	.6												20	20	55			
44/ 43		.3			.4	1.3	.3												22	22	63			
42/ 41	.1	1.0			.9	.1													19	19	50			
40/ 39		.1			.2	.4													7	7	32			
38/ 37		.3			.2	.4													9	9	22			
36/ 35						.1													1	1	35			
34/ 33					.1														1	1	24			
32/ 31				.2															2	2	6			
30/ 29				.1															1	1	6			
28/ 27																					4			
26/ 25																					4			
24/ 23																								
22/ 21																								
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISY PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

20
MONTH

PAGE 2 1220-14 JF
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

$$\frac{ACV}{MONTH}$$

PAGE 1 1524-1730
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
8/ 67												.1						1	1																
6/ 85									.1		.3							4	4																
24/ 83									.4									7	5																
2/ 81								.3	.6	.1								9	9																
7/ 79				.2		.6	.3	.3	.3		.1							21	31																
75/ 77				.3	.7	.4	.3	.4	.2	.1	.3							26	26																
56/ 75		.2	.1	.7	.1	1.2	.8	.7	.4	.1								39	39	1															
74/ 73	.1			.1	.3	.8	1.1	1.1	.9	.7								44	44	5	3														
72/ 71		.1	.6	.1	.3	.8	.6	.7	.7	.3								37	27	8	3														
75/ 69		.3	.2	.8	1.7	.5	1.6	1.1	.7	.1	.2							58	36	17	4														
6/ 67	.2	.2	.8	.3	.9	1.4	.9	.9	1.3	1.1								73	73	27	17														
66/ 65		.7	.6	.9	1.7	.2	1.3	.1	.7	.1								53	50	35	11														
4/ 63		1.3	.3	.4	.6	1.6	1.1	1.4	.1	.7								68	63	55	14														
2/ 61		.3	.7	.2	.4	.6	1.7	1.6	.8									50	50	50	33														
82/ 59	.1		.3	.4	.7	.8	1.6	1.3	.7									53	53	50	31														
52/ 57	.2	.2	.4	.6	.2	1.8	1.6	1.7	.2	.2								64	64	58	35														
56/ 55		.8	.4	.6	.3	.8	1.4	1.6	.7									59	59	44	44														
54/ 53	.1	.1	.2	.2	.4	1.3	2.2	.7	.1									49	49	64	45														
52/ 51	.1	.4	.6	.6	.2	1.7	.6	.7										37	37	51	42														
50/ 49	.6	.9	.1	.2	.4	1.2	1.4	.2										46	46	64	32														
48/ 47		.1	.2	.3	.6	.7	1.5	.3										36	36	66	31														
46/ 45		.2	.3	.1	.1	.9	.8											22	22	57	41														
44/ 43		.4	.1			1.7	.3											17	17	50	48														
42/ 41		.2		.2	.3	.7												13	13	58	36														
47/ 39		.3			.2	.5												13	13	31	40														
38/ 37			.1			.3												4	4	71	36														
36/ 35						.1												1	1	39	51														
34/ 33																				11	32														
32/ 31				.3														3	3	11	53														
30/ 29																				4	23														
28/ 27																				3	31														
26/ 25																																			

PSYCHROMETRIC SUMMARY

61-7', 73-75

YEARS!

25
MONTH

PAGE 2 1520-1722
MCJRS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
77/ 15																																			
76/ 17																																			
75/ 15																																			
74/ 13																																			
73/ 11																																			
72/ 9																																			
71/ 7																																			
70/ 5																																			
70/ 3																																			
TOTAL	1.4	7.7	6.4	7.7	8.9	19.2	20.6	14.9	9.7	3.5	1.3	.4																							

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	2616643	44955	50.0	20.318	900	$\pm 0 F$	\pm	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	Total
Dry Bulb	3489101	55245	61.4	10.440	900			31.5	14.7	2.7		900
Wet Bulb	2481317	46371	51.5	10.123	900		2.1	6.0	.6			900
Dew Point	1700042	36666	40.8	15.087	900		2.8	2.7	.3			900

REVISED PREVIOUS EDITIONS OF THIS OAM ARE OBSOLETE

0-26-5 (01 A)

WCO

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

— 524 —
MONTH

PAGE 2 1013-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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PSYCHROMETRIC SUMMARY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-72, 73-74

YEARS

42
MONTH

PAGE 7 220-2300
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

PSYCHROMETRIC SUMMARY

3FC
MONTH

PAGE 1 0000-0230
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

61-70, 73-74

YEARS

250
MONTH

PAGE 2 2036-02.0
HOURS (L. S. Y.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC

67-70, 73-75

YEARS

JFC
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31			Dry Bulb	Wet Bulb	Dew Point	
7 / 69		.1	.2																3	3			
68 / 67		.8	.2																9	9	7	1	
66 / 65		.9	.4	.4															16	16	6	1	
64 / 63	.2	.8	.1	.2															14	14	11	1	
62 / 61	.6	1.9	.5																29	29	20	2	
60 / 59	.3	1.7	.3	.1															23	23	30	19	
58 / 57	.9	1.2	.3	.1															23	23	27	30	
56 / 55	.9	2.2	.3	.2															30	30	20	23	
54 / 53	.2	1.5	.9	.3															27	27	25	21	
52 / 51	.3	2.4	.5	.1	.1														32	32	27	23	
50 / 49	.9	1.6	.9	.2	.6	.3													36	38	34	3	
48 / 47		3.0	.4	.2	.4														36	38	27	24	
46 / 45	.1	1.7	.2	.2	.1														22	22	37	30	
44 / 43	.5	2.6	1.0	1.1															48	48	24	25	
42 / 41	.3	2.7	.8	.9	.1														47	47	45	18	
40 / 39	1.1	1.8	1.4	1.2	.1														52	52	52	51	
38 / 37	.4	3.8	2.0	1.3	.2														72	72	36	25	
36 / 35	.2	2.6	2.7	1.2	.2														64	64	64	34	
34 / 33		2.5	1.8	1.3															52	52	68	24	
32 / 31	.1	4.9	1.9	1.4	.1														79	79	62	56	
30 / 29	.4	3.0	2.6	1.7															65	65	69	52	
28 / 27	.2	2.0	2.2	.4															45	45	58	61	
26 / 25	.9	2.2	1.6																40	40	55	59	
24 / 23	.4	2.2	.5																29	29	55	44	
22 / 21	.5	1.9	1.0																28	28	44	33	
20 / 19		.3	.2																5	5	8	50	
18 / 17																					11	59	
16 / 15																						23	
14 / 13																						26	
12 / 11																						19	
10 / 9																						7	
8 / 7																						11	
6 / 5																						5	
Element (X)	Σ X ²		Σ X		X		C _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 7 0320-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

67-72, 73-74

YEARS

MCMT

PAGE 1

5622-5222
MOUSE 11.5.71

PSYCHROMETRIC SUMMARY

67-70, 73-78

YEARS

550
MONTH

PAGE 2 76-3-2842
FOUR (1, 2, 3, 4)

PSYCHROMETRIC SUMMARY

050

STAT 2K

STATION KLM

YEARS

MONTH

PAGE 7 1975-1147
HOURS (A, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

67-70, 73-78

PSYCHROMETRIC SUMMARY

67-75, 73-75

YEARS

Dr C
MOMIN

PAGE 1 15-16-1700
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 2 1520-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
1 / 5																					14					
2 / 7																					3					
3 / 5																					3					
4 / 3																					3					
5 / 1																					1					
TOTAL	1.7	13.9	7.6	10.6	21.9	21.4	13.1	7.1	2.3			.3	.2						930	937	930					

PSYCHROMETRIC SUMMARY

67-70, 72-73

YEARS

350
MONTH

PAGE 1 1575-26.1
HOURS (11-5-81)

PSYCHROMETRIC SUMMARY

67-75, 75-79

YEARS

DEC
MONTH

CASE # 1820-2250
HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

FORM 11

PSYCHROMETRIC SUMMARY

YEARS

PAGE -

2162-23
HOURS L S T

USAFETAC FORM 0-26-5 (OLA)
REV 44
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	DB-WB	Dry Bulb	Wet Bulb	Dew Point				
11																					1.5				
10																					1.5				
9																					1.5				
8																					1.5				
7																					1.5				
6																					1.5				
5																					1.5				
4																					1.5				
3																					1.5				
2																					1.5				
1																					1.5				
TOTAL	5.432	720.815	912.1	7.3	3.6	1.7	.9	.0				.1	.1						7435	7435	7435				
																			7435	7435					

PSYCHROMETRIC SUMMARY

YEARS

ALL
MONTH

7452

ALL

PSYCHROMETRIC SUMMARY

17713	SEYMOUR-JOHNSON 4F2 A.C
STATION	STATION NAME

01-70, 73-74

YEARS

MONTH

PA 35

AL
HOURS (L. & T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A)

Volume 1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13713 SEYMOUR-JOHNSON AFB MC

67-70, 73-79

STATION		STATION NAME												YEARS											
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	38.3	39.6	48.7	56.3	62.8	69.7	73.5	73.2	67.3	56.7	48.1	41.6	56.4											
	S D	12.394	10.909	9.748	8.313	6.720	4.925	3.843	4.522	5.143	9.338	10.988	11.415	15.201											
	TOTAL OBS	930	846	930	970	930	930	930	930	900	930	930	930	12956											
03-05	MEAN	36.9	37.5	46.7	53.8	60.9	68.1	71.9	71.8	65.6	54.5	46.5	40.4	54.6											
	S D	12.515	10.984	10.057	8.669	7.158	5.223	3.974	4.590	6.494	9.810	11.386	11.894	15.403											
	TOTAL OBS	930	846	930	900	929	899	930	930	899	930	900	930	10953											
06-08	MEAN	36.3	36.7	46.7	55.2	63.4	71.0	74.0	73.3	66.6	54.8	46.3	39.7	55.4											
	S D	12.686	11.255	10.238	8.730	7.152	5.318	4.124	4.836	6.592	9.727	11.599	11.984	16.408											
	TOTAL OBS	930	846	930	970	930	900	930	930	900	930	900	930	10956											
09-11	MEAN	41.1	44.0	54.6	64.6	71.9	79.0	81.8	81.5	75.8	64.9	55.2	45.7	63.4											
	S D	12.392	11.578	10.464	8.811	7.294	5.461	4.703	5.353	6.550	8.377	10.660	10.668	16.867											
	TOTAL OBS	930	846	930	970	930	900	930	930	900	930	900	930	10956											
12-14	MEAN	46.9	50.3	60.6	70.3	76.9	83.1	86.2	85.9	80.7	71.0	61.8	51.8	68.9											
	S D	12.742	12.274	11.171	9.418	7.899	6.084	5.378	5.914	6.880	8.432	10.890	10.464	16.513											
	TOTAL OBS	930	846	930	900	930	900	930	930	900	929	900	930	10955											
15-17	MEAN	48.1	51.9	62.3	71.9	77.4	83.2	86.1	85.4	80.7	70.9	61.4	52.4	69.4											
	S D	12.549	11.957	10.964	9.083	7.801	6.310	5.730	6.445	6.713	8.276	10.440	10.204	16.039											
	TOTAL OBS	930	846	930	900	930	900	929	930	900	930	900	930	10955											
18-20	MEAN	43.1	46.7	57.1	66.3	72.3	78.4	80.9	79.9	74.1	62.6	53.7	46.6	63.6											
	S D	11.717	11.002	9.944	8.461	7.359	5.651	5.293	5.713	6.183	8.295	9.988	10.305	15.809											
	TOTAL OBS	930	846	930	900	929	900	930	929	900	930	900	929	10953											
21-23	MEAN	39.9	42.2	51.9	59.9	66.2	72.7	75.7	75.2	69.3	58.2	50.0	43.5	58.8											
	S D	11.854	10.933	9.612	7.981	6.579	4.809	3.774	4.470	5.877	8.890	10.600	10.794	15.173											
	TOTAL OBS	930	846	930	900	929	900	930	927	900	930	900	927	10949											
ALL HOURS	MEAN	41.3	43.6	53.6	62.3	69.0	75.6	78.8	78.3	72.5	61.6	52.8	45.2	61.3											
	S D	13.037	12.545	11.758	10.877	9.460	7.869	7.094	7.469	8.658	10.965	12.319	11.887	16.863											
	TOTAL OBS	7440	6768	7440	7200	7437	7199	7439	7435	7199	7439	7200	7435	87631											

GLOFAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1.713 SEYMOUR-JOHNSON AFB NC

67-77, 73-79

STATION	STATION NAME	YEARS													
HRS (L.S.)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL		
C-02	MEAN	35.4	36.0	44.9	51.9	59.7	66.9	70.9	75.9	65.3	53.7	45.2	38.9	53.4	
	S.D.	12.419	10.961	10.033	8.582	6.826	5.326	3.710	4.628	6.563	9.525	11.488	11.695	15.564	
	TOTAL OBS	930	846	930	930	930	930	930	930	930	930	930	930	10956	
C3-05	MEAN	34.3	34.5	43.6	50.3	58.6	65.8	69.9	70.0	64.0	52.5	44.1	38.0	52.2	
	S.D.	12.497	11.054	10.373	9.001	7.283	5.570	4.008	4.806	6.877	10.008	11.806	12.140	15.780	
	TOTAL OBS	930	846	929	900	929	899	930	930	899	930	900	930	10952	
C5-08	MEAN	33.6	34.0	43.8	51.3	50.1	67.6	71.2	70.9	64.6	52.8	43.7	37.4	52.7	
	S.D.	12.695	11.444	10.604	9.074	7.248	5.387	3.644	4.835	6.927	9.983	11.978	12.142	16.438	
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955	
C9-11	MEAN	37.0	38.7	48.4	56.0	63.8	70.8	74.4	74.2	68.8	58.2	49.2	41.2	56.5	
	S.D.	12.232	11.430	10.453	8.618	7.058	5.147	3.698	4.557	6.326	8.723	10.868	10.978	15.852	
	TOTAL OBS	930	844	928	900	930	900	930	930	899	930	900	930	10951	
12-14	MEAN	40.2	42.1	51.2	57.9	65.3	71.7	75.2	74.8	69.9	60.3	51.8	44.4	58.8	
	S.D.	11.927	11.252	10.097	8.029	6.759	4.972	3.808	4.329	6.715	8.325	10.428	10.386	14.856	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	929	900	930	10955	
15-17	MEAN	40.9	42.8	51.7	58.1	65.2	71.4	74.8	74.3	69.7	60.2	51.5	44.8	58.0	
	S.D.	11.561	10.822	9.498	7.308	6.361	4.657	3.651	4.212	5.622	8.051	10.123	10.347		
	TOTAL OBS	930	846	930	900	930	900	928	930	900	930	900	930		
18-20	MEAN	38.2	40.2	49.4	56.1	63.6	70.1	73.6	73.2	68.3	57.4	48.2	41.1	56.8	
	S.D.	11.462	10.685	9.328	7.441	6.320	4.703	3.625	4.324	5.791	8.512	10.522	10.900	14.947	
	TOTAL OBS	930	846	930	900	929	900	929	928	900	930	900	928	10951	
21-23	MEAN	36.3	37.8	46.9	53.8	61.5	68.3	72.0	71.8	66.5	55.1	46.3	40.0	53.2	
	S.D.	11.781	10.851	9.732	7.995	6.488	5.013	3.640	4.443	6.173	9.131	11.079	11.241	15.313	
	TOTAL OBS	930	846	930	900	929	900	929	927	900	930	900	927	10948	
ALL HOURS	MEAN	37.0	38.3	47.5	54.4	62.2	69.1	72.7	72.5	67.1	56.3	47.5	40.8	55.5	
	S.D.	12.322	11.490	10.457	8.744	7.219	5.510	4.191	4.841	6.674	9.531	11.449	11.543	15.607	
	TOTAL OBS	7440	6766	7437	7200	7437	7199	7436	7435	7197	7439	7200	7435	87621	

USAF ETAC FORM 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1973 SEYMOUR-JOHNSON AFB AC

67-70, 73-79

STATION	STATION NAME	YEARS													
IRS (LST)			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN		29.9	29.6	40.2	47.5	57.4	65.1	69.6	69.7	64.1	51.6	41.3	34.1	50.1
	S.D.		15.473	14.122	12.707	10.995	7.833	6.246	4.103	5.151	7.217	10.605	14.343	14.450	18.104
	TOTAL OBS		930	846	930	900	930	900	930	930	900	930	900	930	10956
3-05	MEAN		27.1	28.7	35.6	46.7	56.8	64.4	68.8	69.1	62.9	50.8	40.7	33.8	49.4
	S.D.		15.446	14.075	12.829	11.206	8.095	6.326	4.437	5.309	7.508	10.943	14.051	14.617	18.130
	TOTAL OBS		930	846	929	900	929	899	930	930	899	930	900	930	10952
6-08	MEAN		28.5	28.5	39.9	47.4	57.7	65.7	69.8	69.7	63.3	50.9	40.4	33.3	49.7
	S.D.		15.535	14.430	13.084	11.351	8.505	6.306	4.315	5.392	7.638	11.090	14.099	14.455	18.584
	TOTAL OBS		930	846	930	900	930	900	930	930	899	930	900	930	10955
9-11	MEAN		29.7	30.0	41.0	48.1	58.1	66.2	70.9	70.8	64.9	52.7	42.3	34.0	50.9
	S.D.		16.045	15.485	14.423	12.223	9.862	6.964	4.910	5.751	7.997	11.623	14.529	14.644	18.870
	TOTAL OBS		930	846	929	900	930	900	930	930	899	930	900	930	10951
12-14	MEAN		30.0	30.2	41.1	47.3	57.5	65.6	70.1	69.7	63.8	51.7	41.2	34.5	50.3
	S.D.		16.429	15.769	14.610	11.817	9.984	6.992	5.419	5.864	8.106	12.033	15.114	15.157	18.740
	TOTAL OBS		930	846	930	900	930	900	930	930	900	929	900	930	10955
15-17	MEAN		29.9	29.9	40.3	46.2	56.9	65.1	69.5	69.1	63.5	51.5	40.8	34.4	49.9
	S.D.		16.342	15.890	14.442	11.408	9.793	6.901	5.418	5.843	7.813	11.842	15.087	15.558	18.642
	TOTAL OBS		930	846	930	900	930	900	928	930	900	930	900	930	10954
18-20	MEAN		30.1	30.2	40.6	46.8	57.5	65.6	70.1	69.9	64.9	53.1	41.7	35.0	50.6
	S.D.		15.383	15.003	13.544	11.174	8.961	6.616	4.971	5.478	7.038	10.492	14.088	14.833	18.308
	TOTAL OBS		930	846	930	900	929	900	929	928	900	930	900	928	10950
21-23	MEAN		29.9	30.5	41.0	48.0	58.2	65.7	70.1	70.1	64.7	52.5	41.6	34.6	50.7
	S.D.		15.024	14.144	12.770	10.760	7.879	6.261	4.434	5.145	6.839	10.387	13.868	14.497	18.060
	TOTAL OBS		930	846	930	900	929	900	929	927	900	930	900	927	10948
ALL HOURS	MEAN		29.6	29.7	40.5	47.2	57.5	65.4	69.9	69.8	64.0	51.9	41.2	34.3	50.2
	S.D.		15.717	14.889	13.577	11.386	8.913	6.600	4.803	5.519	7.561	11.164	14.372	14.782	18.439
	TOTAL OBS		7440	5766	7437	7200	7437	7199	7436	7435	7197	7439	7200	7435	87621

DATA PROCESSING BRANCH
ETAC/USAF
AIP WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13713 SEYMOUR-JOHNSON AFB NC
STATION STATION NAME

68-70, 73-79

JAN
MONT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2

2

~~68-70, 73-79~~

~~FEA~~

2

RELATIVE HUMIDITY

MAR
MONTH

USAFETAC FORM JUL 64 0-87-5 (OL A)

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FORM 1001-62

0-87-5 (OL A)

RELATIVE HUMIDITY

~~68=70, 73=79~~

JUN
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.8	98.2	93.2	76.4	31.3	85.5	900
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	95.9	84.6	41.6	88.2	899
	06-08	100.0	100.0	100.0	100.0	99.3	96.1	86.6	60.7	27.9	93.7	900
	09-11	100.0	100.0	100.0	97.8	85.9	61.8	39.7	17.7	3.1	66.1	900
	12-14	100.0	100.0	99.7	89.1	60.2	37.8	18.7	8.1	1.7	57.1	900
	15-17	100.0	100.0	99.0	84.6	54.7	35.2	21.1	12.7	2.0	56.5	900
	18-20	100.0	100.0	99.9	95.4	81.3	60.6	39.6	23.7	5.4	66.3	900
	21-23	100.0	100.0	100.0	99.9	98.0	93.9	75.1	52.9	17.1	79.2	900
TOTALS		100.0	100.0	99.8	95.9	84.9	72.9	58.8	43.1	16.3	72.8	7199

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

13713 SEYMOUR-JOHNSON AFB NC
STATION STATION NAME

68-70, 73-79

JUL
MONT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	99.6	97.1	85.1	36.3	87.7	930
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	98.6	89.7	50.9	89.8	930
	06-08	100.0	100.0	100.0	100.0	100.0	98.9	94.4	78.8	35.2	86.7	930
	09-11	100.0	100.0	99.9	99.4	93.4	77.8	49.0	23.2	4.3	70.3	930
	12-14	100.0	100.0	99.5	93.2	72.9	46.3	20.8	8.5	1.7	59.9	930
	15-17	100.0	100.0	99.6	91.6	69.8	43.8	20.9	11.2	3.7	59.4	928
	18-20	100.0	100.0	100.0	98.3	89.7	74.2	52.0	30.1	10.4	71.1	929
	21-23	100.0	100.0	100.0	100.0	99.7	97.7	89.0	67.1	22.7	83.1	929
TOTALS		100.0	100.0	99.9	97.8	90.7	79.7	65.2	49.2	20.7	76.0	7436

RELATIVE HUMIDITY

~~68=72, 73=79~~

AUG
MON

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG.	00-02	100.0	100.0	100.0	100.0	100.0	99.8	97.7	85.7	44.6	88.7	930
	03-05	100.0	100.0	100.0	100.0	99.9	99.6	98.1	91.6	59.7	90.9	930
	06-08	100.0	100.0	100.0	100.0	100.0	99.2	95.5	83.5	47.5	88.8	930
	09-11	100.0	100.0	100.0	99.6	94.8	79.4	52.0	22.6	3.5	70.7	930
	12-14	100.0	100.0	99.8	94.8	72.0	42.4	20.3	8.5	1.9	52.7	930
	15-17	100.0	100.0	99.6	92.6	69.7	41.7	24.0	12.5	4.1	60.0	930
	18-20	100.0	100.0	100.0	98.9	92.7	78.9	58.0	34.2	8.3	72.7	928
	21-23	100.0	100.0	100.0	100.0	99.9	99.1	91.5	71.2	24.3	84.2	927
TOTALS		100.0	100.0	99.9	98.2	91.1	80.0	67.1	51.2	24.2	77.0	7435

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13713 SEYMOUR-JOHNSON AFB NC
STATION STATION NAME

67-76-73-78
PERIOD

SEP
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.7	99.0	97.4	91.1	47.0	89.6	900
	03-05	100.0	100.0	100.0	100.0	99.9	99.4	96.8	91.1	59.2	91.0	899
	06-08	100.0	100.0	100.0	100.0	100.0	99.2	95.7	85.8	49.9	89.4	899
	09-11	100.0	100.0	100.0	98.9	91.9	72.4	47.6	25.7	0.1	70.1	899
	12-14	100.0	100.0	99.0	90.9	65.4	34.9	19.2	10.0	2.7	57.8	900
	15-17	100.0	100.0	99.1	88.9	60.1	35.8	21.4	10.9	2.6	57.6	900
	18-20	100.0	100.0	100.0	99.3	95.2	84.7	61.9	34.1	9.1	74.1	900
	21-23	100.0	100.0	100.0	100.0	100.0	98.6	95.4	75.8	25.2	85.5	900
TOTALS		100.0	100.0	99.8	97.3	89.0	78.1	66.9	53.1	25.6	76.9	7197

RELATIVE HUMIDITY

~~13713~~ ~~SEYMOUR-JOHNSON AFB NC~~
STATION STATION NAME

~~67-70, 73-78~~

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	99.8	98.4	96.5	89.9	76.1	37.5	85.5	930
	03-05	100.0	100.0	100.0	100.0	97.4	98.0	91.7	83.1	45.4	87.7	930
	06-08	100.0	100.0	100.0	100.0	99.2	96.6	90.6	78.7	40.9	86.7	930
	09-11	100.0	100.0	99.2	92.7	78.8	62.4	43.3	23.3	9.4	66.5	930
	12-14	100.0	100.0	92.2	72.8	49.5	30.9	15.1	7.8	2.8	52.8	929
	15-17	100.0	100.0	92.5	71.9	48.6	30.3	15.9	9.7	2.7	52.7	930
	18-20	100.0	100.0	99.8	98.6	92.9	78.8	57.5	28.3	8.1	72.1	930
	21-23	100.0	100.0	100.0	99.5	98.0	94.6	85.5	61.1	18.4	81.6	930
TOTALS		100.0	100.0	98.0	91.9	83.1	73.5	61.2	46.0	20.7	73.2	7439

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NOV
MONTH

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RELATIVE HUMIDITY

~~13713~~

~~SEYMOUR-JOHNSON AFB NC~~

~~67-70, 73-78~~

DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
D.F.C.	00-02	100.0	100.0	100.0	98.1	90.9	77.4	65.7	46.2	19.5	75.5	930
	03-05	100.0	100.0	100.0	99.7	94.4	84.1	70.5	54.2	23.3	78.2	930
	06-08	100.0	100.0	100.0	99.9	95.3	86.8	72.4	56.0	23.2	78.8	930
	09-11	100.0	100.0	98.5	91.9	75.4	61.0	45.9	30.4	14.7	67.4	930
	12-14	99.9	98.6	92.6	67.6	47.1	33.7	24.3	17.7	9.2	55.0	930
	15-17	99.8	98.9	89.0	64.7	46.2	32.8	24.5	18.1	8.3	53.9	930
	18-20	100.0	99.9	98.5	90.3	75.6	57.8	41.2	27.7	12.3	66.0	928
	21-23	100.0	100.0	100.0	95.3	86.9	71.7	58.3	39.2	17.3	72.6	927
TOTALS		100.0	99.8	97.3	88.4	76.5	63.0	50.4	36.2	16.0	68.4	7435

USAFETACFORM
NR 44

0-87-5 (OL A)

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DATA PROCESSING BRANCH
ETAC/USAF
AFD WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13713
STATIONSEYMOUR-JOHNSON AFB NC
STATION NAME67-70, 73-79
PERIODALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	96.3	85.9	72.5	59.4	46.5	31.5	12.5	66.2	7440
FEB		100.0	99.2	92.2	79.4	64.7	50.5	37.4	24.1	11.3	61.6	6766
MAR		100.0	99.5	93.1	81.4	69.5	57.3	45.1	31.3	16.3	65.2	7437
APR		100.0	99.6	91.7	78.9	65.8	53.0	38.8	23.4	8.8	61.8	7200
MAY		100.0	99.9	97.1	89.8	79.9	67.8	53.7	37.6	14.5	69.9	7437
JUN		100.0	100.0	99.8	95.9	84.9	72.9	58.8	43.1	16.3	72.8	7199
JUL		100.0	100.0	99.9	97.8	90.7	79.7	65.2	49.2	20.7	76.0	7436
AUG		100.0	100.0	99.9	98.2	91.1	80.0	67.1	51.2	24.2	77.0	7435
SEP		100.0	100.0	99.8	97.3	89.0	78.1	66.9	53.1	25.6	76.9	7197
OCT		100.0	100.0	98.0	91.9	83.1	73.5	61.2	46.0	20.7	73.2	7439
NOV		100.0	99.8	95.5	86.3	75.4	63.6	51.0	36.1	15.0	68.1	7200
DEC		100.0	99.8	97.3	88.4	76.5	63.0	50.4	36.2	16.0	68.4	7435
TOTALS		100.0	99.8	96.7	89.3	78.6	66.6	53.5	38.6	16.8	69.8	87621

USA/ETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

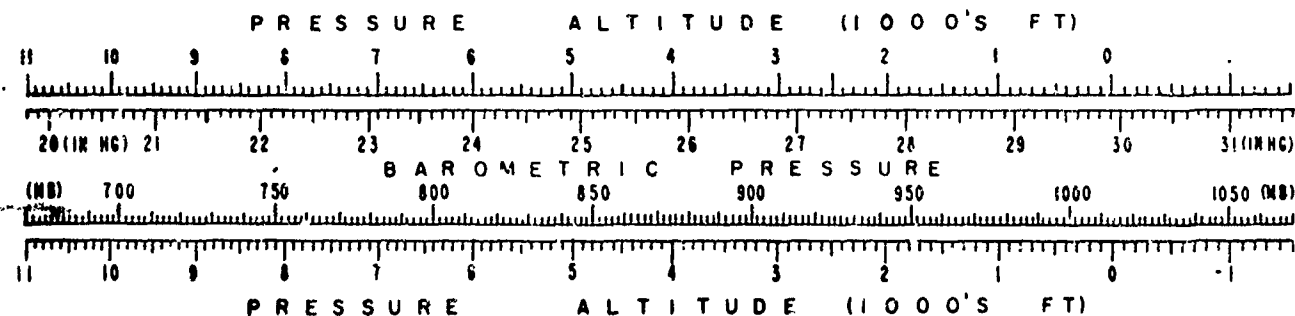
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13713 SEYMOUR-JOHNSON AFB NC 67-70, 73-79

STATION		STATION NAME												YEARS											
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
1	MEAN	29.997	29.947	29.922	29.916	29.885	29.893	29.914	29.938	29.943	29.983	29.966	29.958	29.939											
	S D	.249	.220	.223	.196	.155	.136	.114	.099	.124	.170	.206	.243	.187											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652											
14	MEAN	29.998	29.941	29.907	29.908	29.877	29.884	29.903	29.928	29.932	29.974	29.962	29.958	29.971											
	S D	.252	.217	.227	.202	.156	.137	.116	.101	.124	.173	.208	.248	.190											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652											
17	MEAN	30.016	29.965	29.940	29.944	29.909	29.911	29.929	29.954	29.960	30.003	29.987	29.977	29.958											
	S D	.254	.219	.233	.209	.158	.138	.117	.102	.124	.175	.209	.250	.192											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652											
10	MEAN	30.053	29.990	29.962	29.956	29.921	29.921	29.940	29.970	29.977	30.025	30.013	30.011	29.978											
	S D	.258	.228	.240	.214	.161	.138	.118	.103	.126	.180	.210	.250	.196											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652											
13	MEAN	29.991	29.941	29.918	29.915	29.889	29.896	29.919	29.945	29.944	29.978	29.956	29.948	29.937											
	S D	.256	.230	.242	.208	.160	.139	.117	.102	.127	.180	.206	.248	.194											
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651											
16	MEAN	29.967	29.899	29.872	29.868	29.843	29.862	29.883	29.908	29.905	29.948	29.929	29.927	29.901											
	S D	.252	.230	.234	.200	.159	.141	.118	.101	.126	.176	.201	.246	.192											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652											
19	MEAN	29.992	29.920	29.890	29.879	29.854	29.866	29.887	29.913	29.914	29.970	29.954	29.950	29.916											
	S D	.248	.227	.222	.194	.154	.135	.115	.096	.124	.171	.199	.241	.188											
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650											
22	MEAN	30.009	29.944	29.924	29.917	29.889	29.893	29.917	29.944	29.945	29.995	29.971	29.966	29.943											
	S D	.247	.229	.216	.192	.151	.134	.114	.095	.124	.169	.202	.239	.186											
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650											
ALL HOURS	MEAN	30.003	29.943	29.917	29.913	29.884	29.891	29.911	29.938	29.940	29.985	29.967	29.962	29.938											
	S D	.253	.226	.231	.204	.158	.138	.117	.102	.126	.175	.206	.246	.192											
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2477	2400	2480	2400	2478	29211											

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/1AC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

1713 SEYMOUR-JOHNSON AFS NC

67-73, 73-79

STATION

STATION NAME

YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1020.31	1018.51	1017.71	1017.51	1016.41	1016.71	1017.41	1018.21	1018.41	1019.81	1019.21	1018.9	1018.2
	S D	8.314	7.500	7.645	6.703	5.294	4.648	3.890	3.350	4.217	5.791	7.039	8.328	6.379
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
04	MEAN	1020.21	1018.31	1017.21	1017.21	1016.11	1016.41	1017.01	1017.91	1018.01	1019.51	1019.01	1018.9	1018.0
	S D	8.649	7.409	7.749	6.939	5.328	4.678	3.961	3.437	4.214	5.897	7.110	8.500	6.499
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3650
07	MEAN	1020.91	1019.11	1018.31	1018.41	1017.21	1017.31	1017.91	1018.81	1019.01	1020.41	1019.91	1019.5	1018.9
	S D	8.689	7.478	7.964	7.130	5.390	4.719	3.960	3.460	4.224	5.980	7.124	8.553	6.551
	TOTAL OBS	310	281	310	300	310	299	310	310	300	310	300	310	3650
10	MEAN	1022.11	1020.01	1019.01	1018.81	1017.61	1017.61	1018.31	1019.31	1019.51	1021.21	1020.81	1020.7	1019.6
	S D	8.833	7.778	8.206	7.321	5.512	4.707	3.999	3.503	4.289	6.148	7.144	8.544	6.712
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	310	3651
13	MEAN	1020.01	1018.31	1017.51	1017.41	1016.51	1016.81	1017.61	1018.51	1018.41	1019.61	1018.81	1018.5	1018.2
	S D	8.772	7.865	8.246	7.130	5.478	4.757	3.989	3.464	4.346	6.158	7.022	8.494	6.622
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	1019.21	1016.91	1015.91	1015.81	1015.11	1015.61	1016.31	1017.21	1017.11	1018.61	1017.91	1017.8	1017.0
	S D	8.614	7.861	8.004	6.880	5.463	4.811	4.030	3.399	4.308	6.005	6.671	8.393	6.554
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	1020.11	1017.01	1016.61	1016.21	1015.41	1015.71	1016.51	1017.41	1017.41	1019.31	1018.81	1018.6	1017.5
	S D	8.507	7.797	7.602	6.624	5.252	4.614	3.927	3.287	4.226	5.820	6.787	8.245	6.437
	TOTAL OBS	309	282	310	299	310	300	310	309	300	310	300	309	3648
22	MEAN	1020.61	1018.41	1017.71	1017.51	1016.61	1016.31	1017.51	1018.51	1018.41	1020.21	1019.41	1019.1	1018.4
	S D	8.468	7.825	7.400	6.600	5.190	4.588	3.888	3.250	4.243	5.765	6.668	8.146	6.358
	TOTAL OBS	310	282	310	299	309	299	309	309	299	309	299	309	3643
ALL HOURS	MEAN	1020.41	1018.41	1017.51	1017.31	1016.41	1016.61	1017.31	1018.21	1018.31	1019.81	1019.21	1019.0	1018.2
	S D	8.631	7.727	7.897	6.974	5.415	4.728	4.001	3.453	4.316	5.985	7.031	8.427	6.558
	TOTAL OBS	2478	2254	2480	2398	2479	2398	2479	2478	2399	2479	2399	2478	29199